FIG. 1

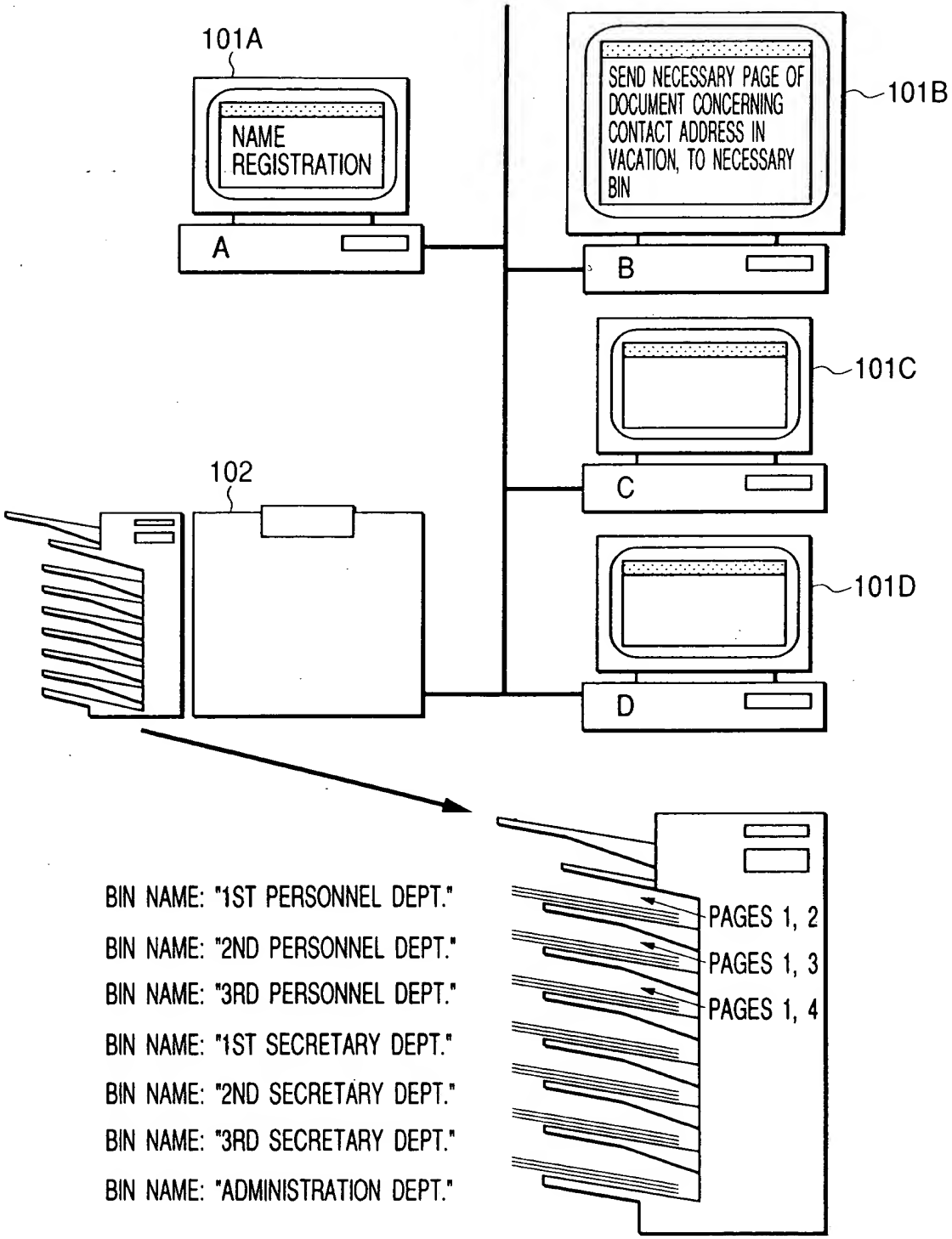
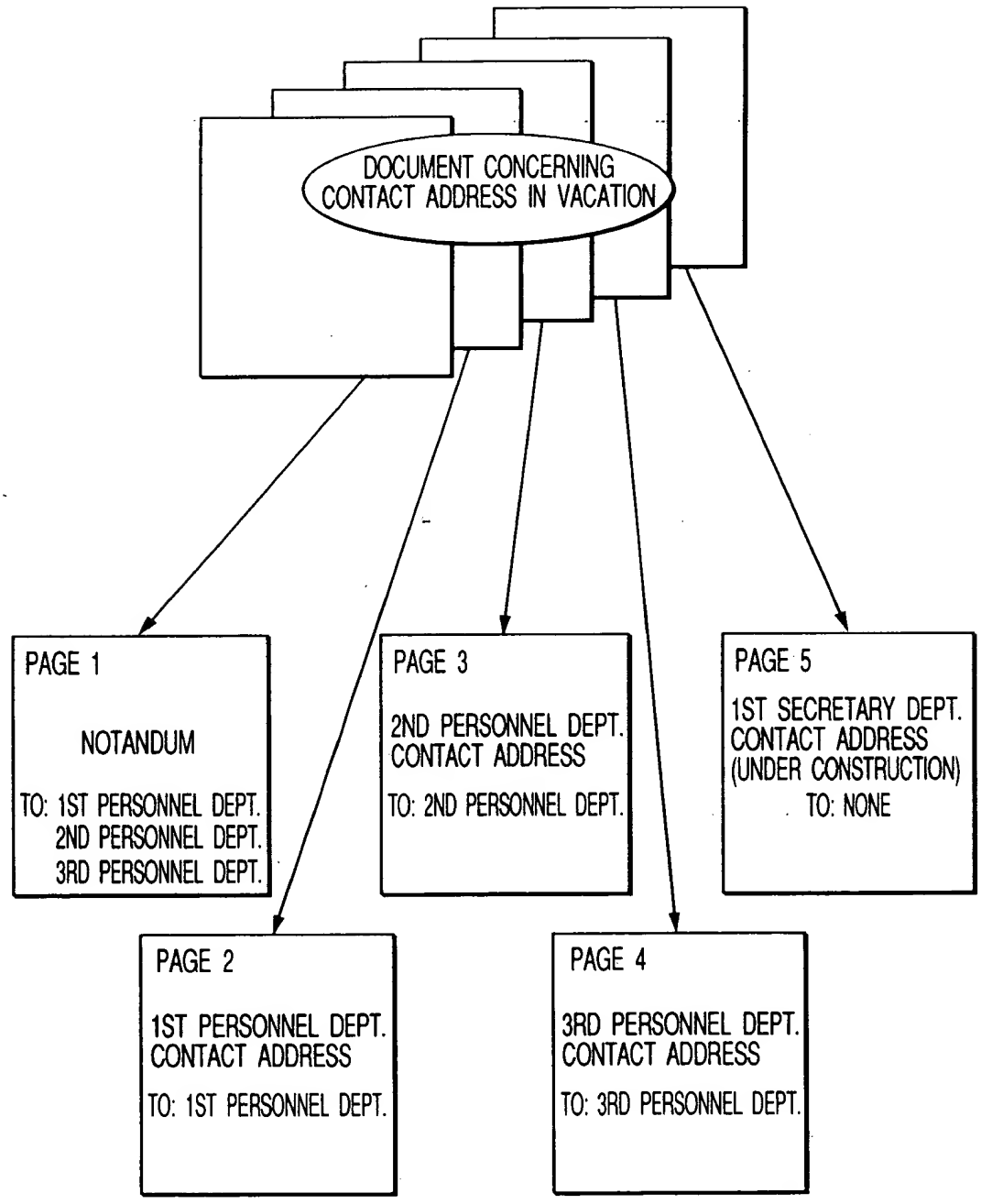

101A
NAME REGISTRATION
A
SEND NECESSARY PAGE OF DOCUMENT CONCERNING CONTACT ADDRESS IN VACATION, TO NECESSARY BIN
101B
B
101C
C
102
101D
D
BIN NAME: "1ST PERSONNEL DEPT."
BIN NAME: "2ND PERSONNEL DEPT."
BIN NAME: "3RD PERSONNEL DEPT."
BIN NAME: "1ST SECRETARY DEPT."
BIN NAME: "2ND SECRETARY DEPT."
BIN NAME: "3RD SECRETARY DEPT."
BIN NAME: "ADMINISTRATION DEPT."
PAGES 1, 2
PAGES 1, 3
PAGES 1, 4

FIG. 2



Doc. 3 of 37 - Doc. 3 of 37

0054-3456-0

FIG. 3

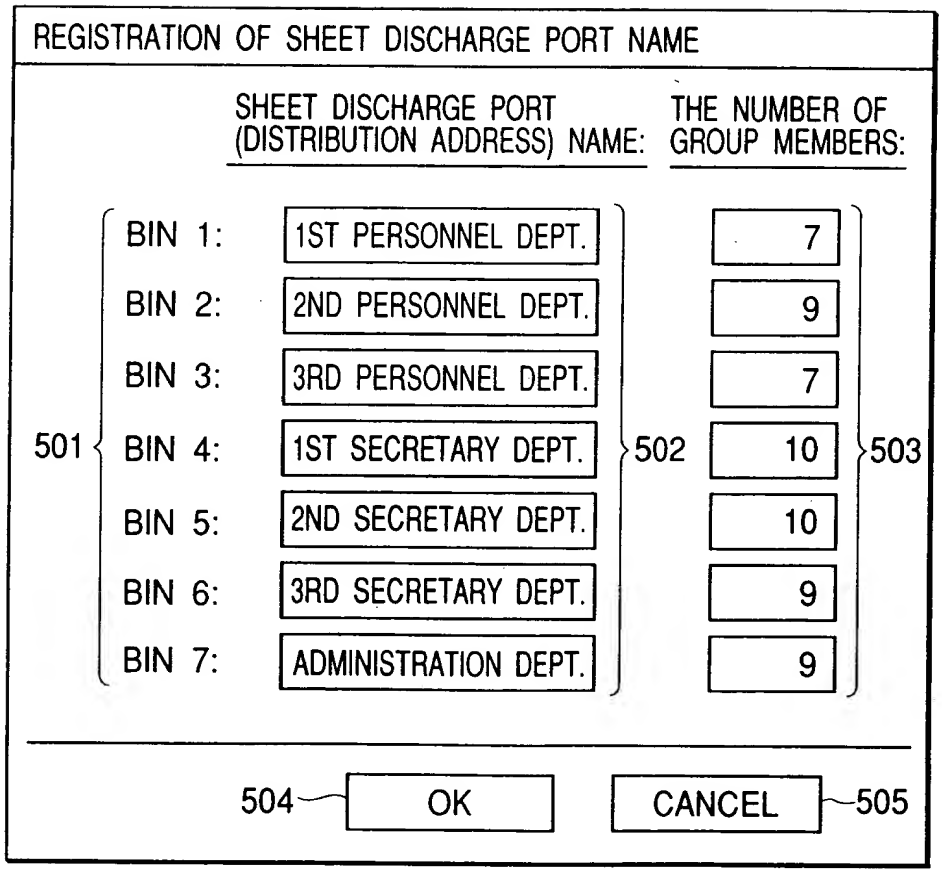
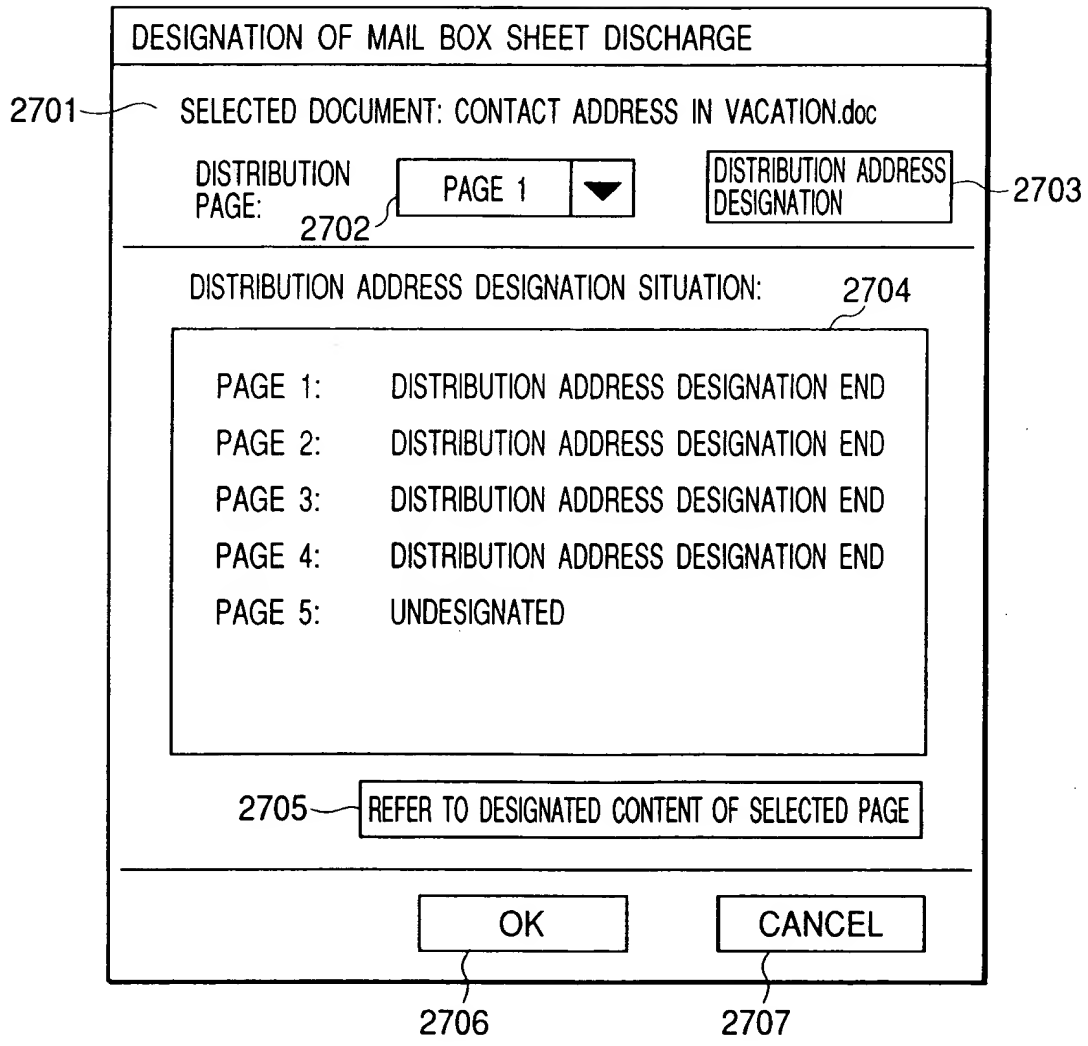


FIG. 4


DESIGNATION OF MAIL BOX SHEET DISCHARGE
2701
SELECTED DOCUMENT: CONTACT ADDRESS IN VACATION.doc
DISTRIBUTION PAGE:
PAGE 1
2702
DISTRIBUTION ADDRESS DESIGNATION
2703
DISTRIBUTION ADDRESS DESIGNATION SITUATION:
2704
PAGE 1: DISTRIBUTION ADDRESS DESIGNATION END
PAGE 2: DISTRIBUTION ADDRESS DESIGNATION END
PAGE 3: DISTRIBUTION ADDRESS DESIGNATION END
PAGE 4: DISTRIBUTION ADDRESS DESIGNATION END
PAGE 5: UNDESIGNATED
2705
REFER TO DESIGNATED CONTENT OF SELECTED PAGE
OK
CANCEL
2706
2707

0054-0345

FIG. 5

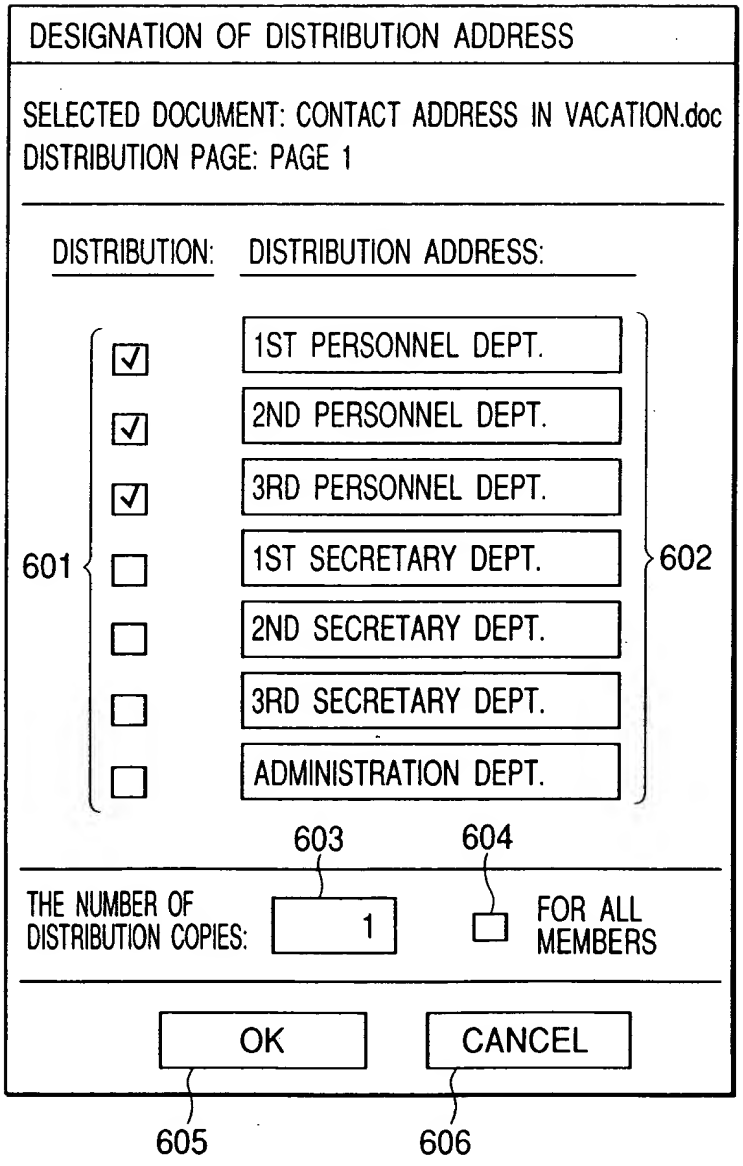


FIG. 6

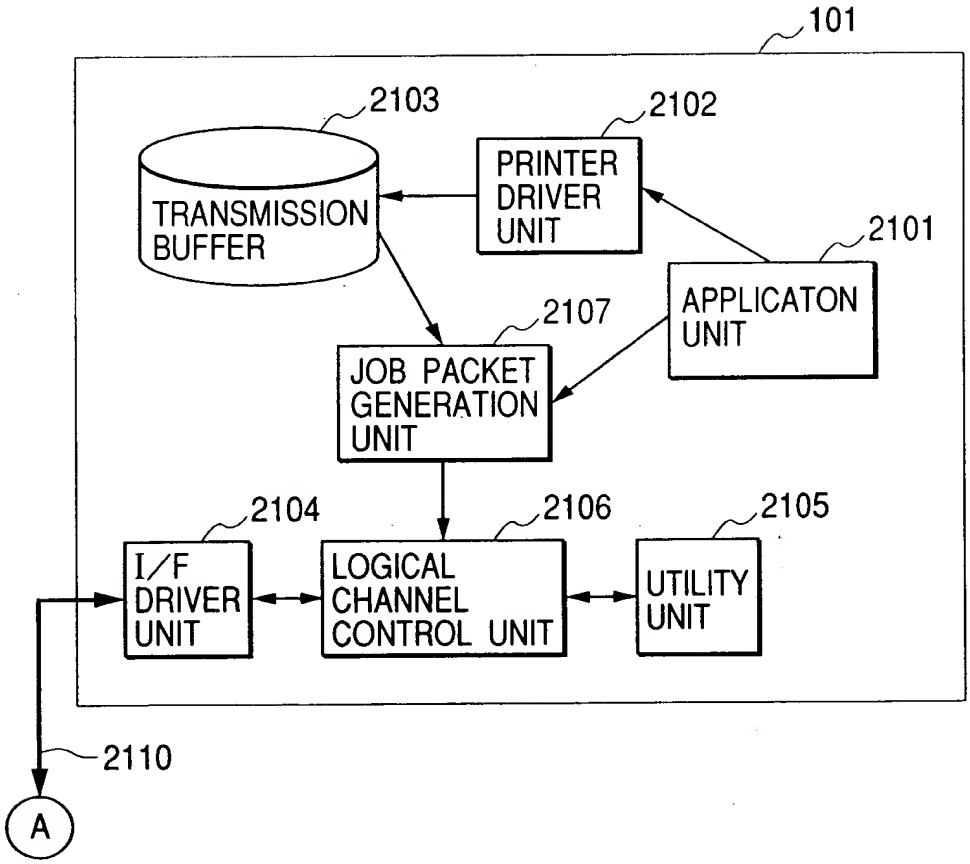

101
2103
2102
TRANSMISSION BUFFER
PRINTER DRIVER UNIT
2101
APPLICATON UNIT
2107
JOB PACKET GENERATION UNIT
2104
2106
2105
I/F DRIVER UNIT
LOGICAL CHANNEL CONTROL UNIT
UTILITY UNIT
2110
A

FIG. 7

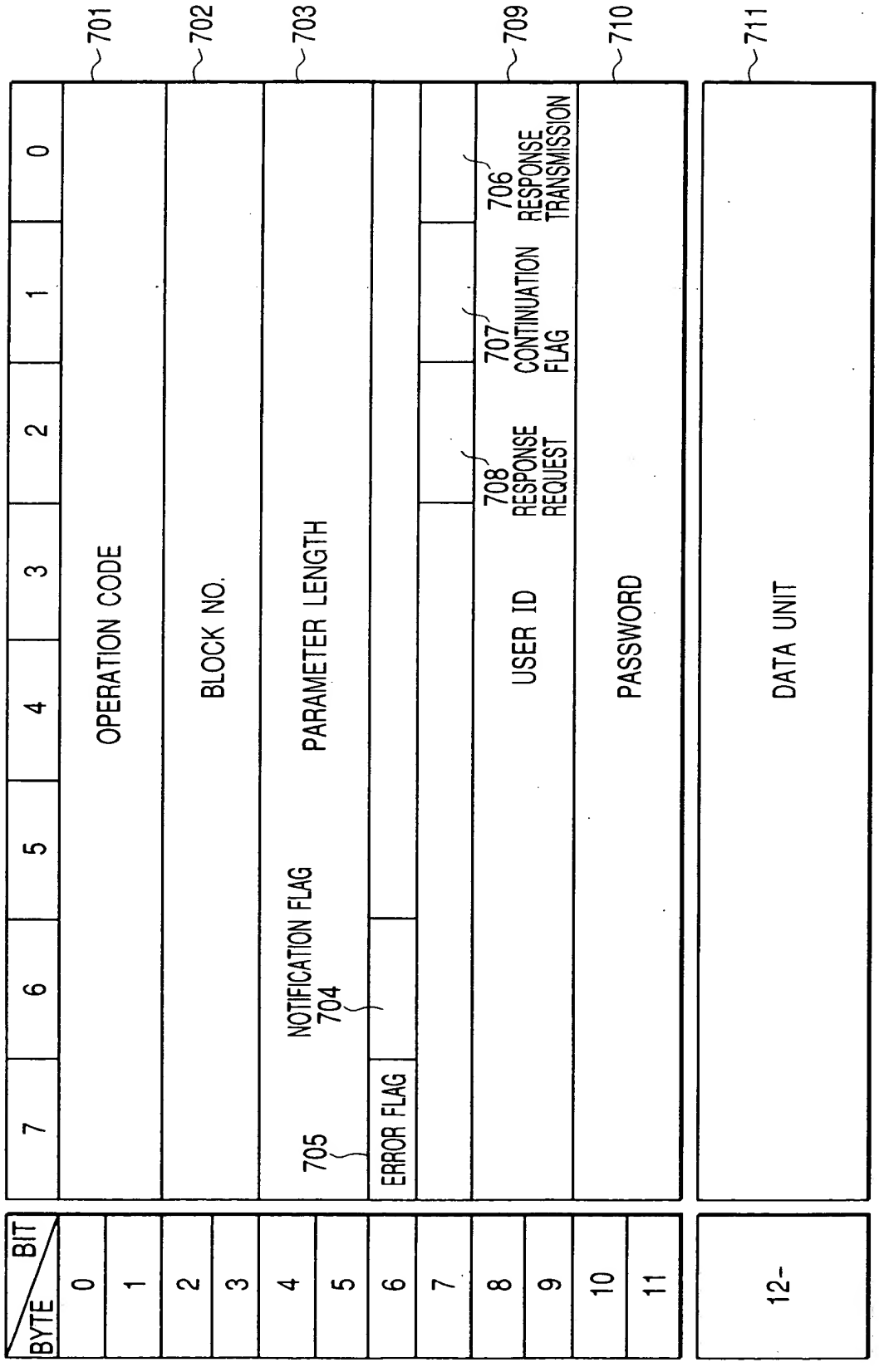

BIT
BYTE
7
6
5
4
3
2
1
0
0
1
2
3
4
5
6
7
8
9
10
11
12-
OPERATION CODE
BLOCK NO.
PARAMETER LENGTH
NOTIFICATION FLAG
704
705
ERROR FLAG
USER ID
708
RESPONSE REQUEST
707
CONTINUATION FLAG
706
RESPONSE TRANSMISSION
PASSWORD
DATA UNIT
701
702
703
709
710
711

FIG. 8

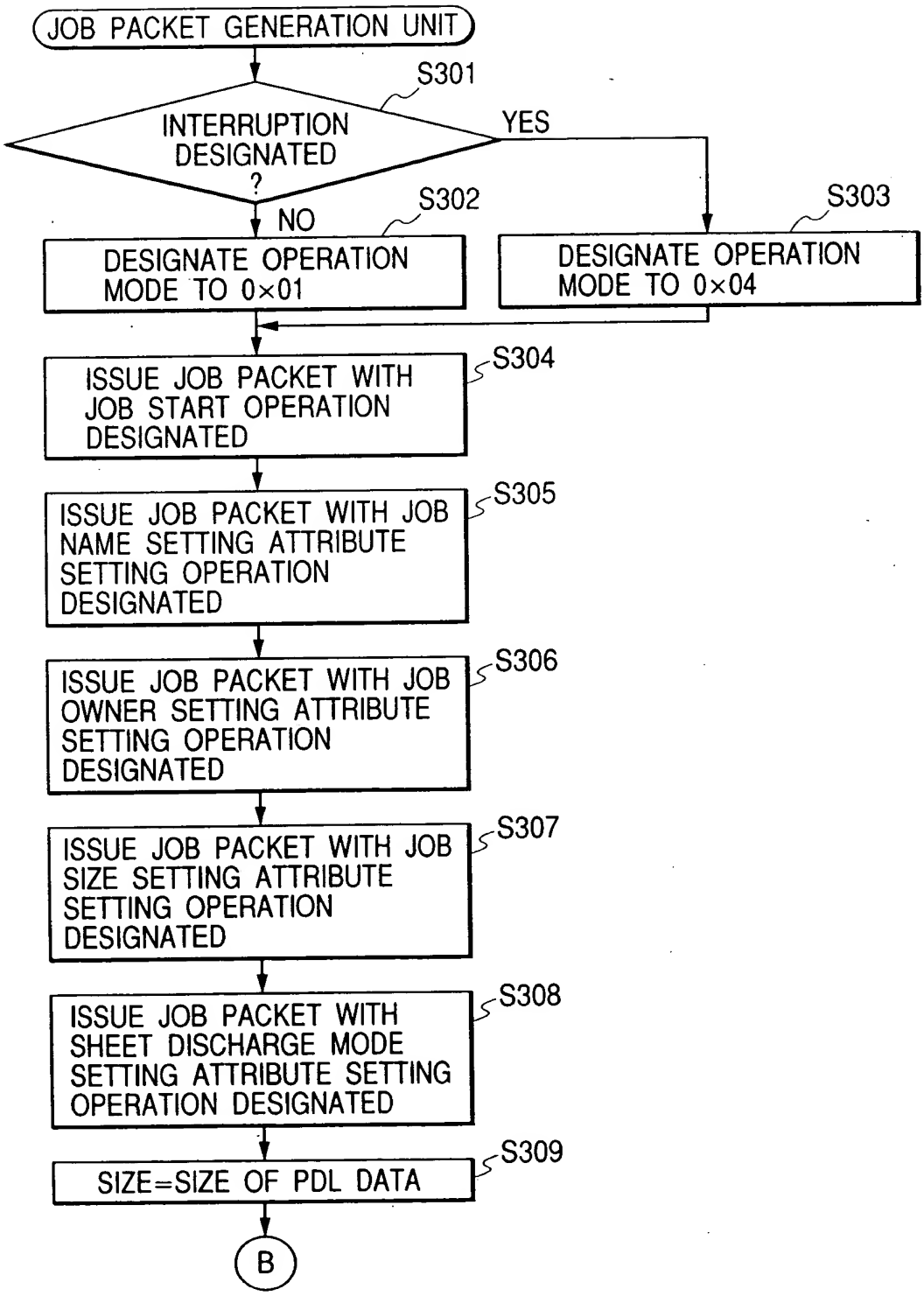

JOB PACKET GENERATION UNIT
S301
INTERRUPTION DESIGNATED ?
YES
NO
S302
DESIGNATE OPERATION MODE TO 0×01
S303
DESIGNATE OPERATION MODE TO 0×04
ISSUE JOB PACKET WITH JOB START OPERATION DESIGNATED
S304
ISSUE JOB PACKET WITH JOB NAME SETTING ATTRIBUTE SETTING OPERATION DESIGNATED
S305
ISSUE JOB PACKET WITH JOB OWNER SETTING ATTRIBUTE SETTING OPERATION DESIGNATED
S306
ISSUE JOB PACKET WITH JOB SIZE SETTING ATTRIBUTE SETTING OPERATION DESIGNATED
S307
ISSUE JOB PACKET WITH SHEET DISCHARGE MODE SETTING ATTRIBUTE SETTING OPERATION DESIGNATED
S308
SIZE=SIZE OF PDL DATA
S309
B

FIG. 9

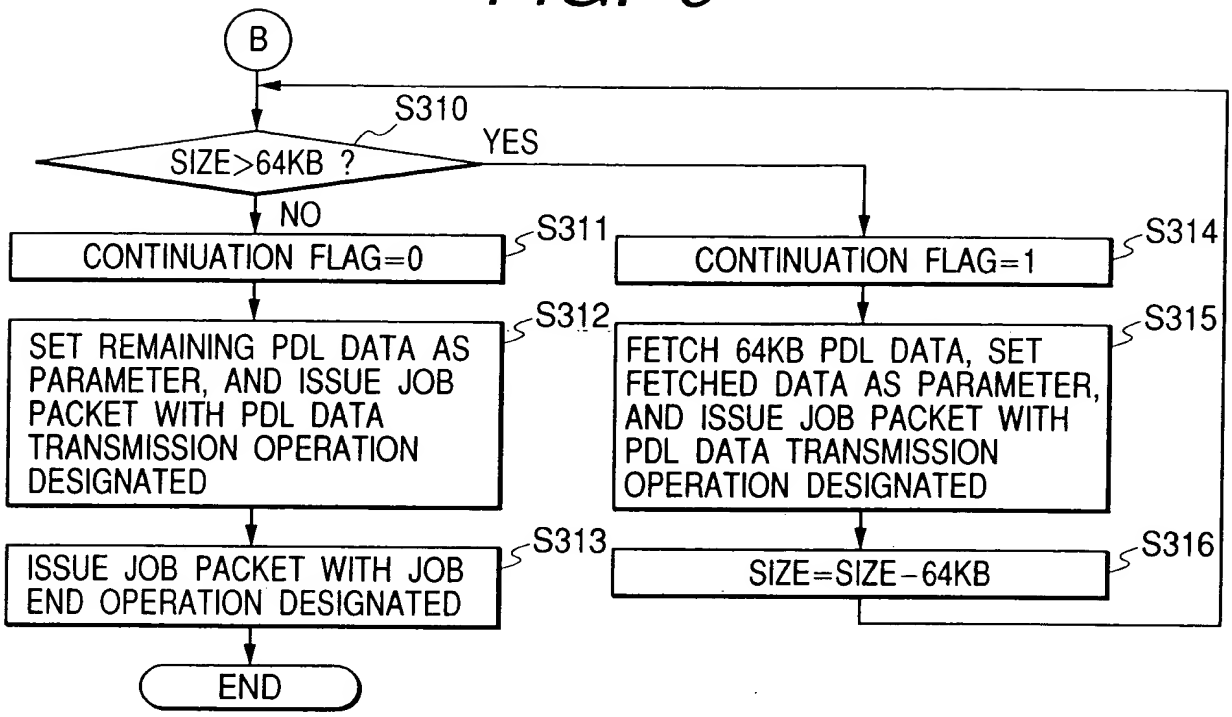

B
S310
SIZE>64KB ?
YES
NO
S311
CONTINUATION FLAG=0
S314
CONTINUATION FLAG=1
S312
SET REMAINING PDL DATA AS PARAMETER, AND ISSUE JOB PACKET WITH PDL DATA TRANSMISSION OPERATION DESIGNATED
S315
FETCH 64KB PDL DATA, SET FETCHED DATA AS PARAMETER, AND ISSUE JOB PACKET WITH PDL DATA TRANSMISSION OPERATION DESIGNATED
S313
ISSUE JOB PACKET WITH JOB END OPERATION DESIGNATED
S316
SIZE=SIZE-64KB
END

FIG. 10

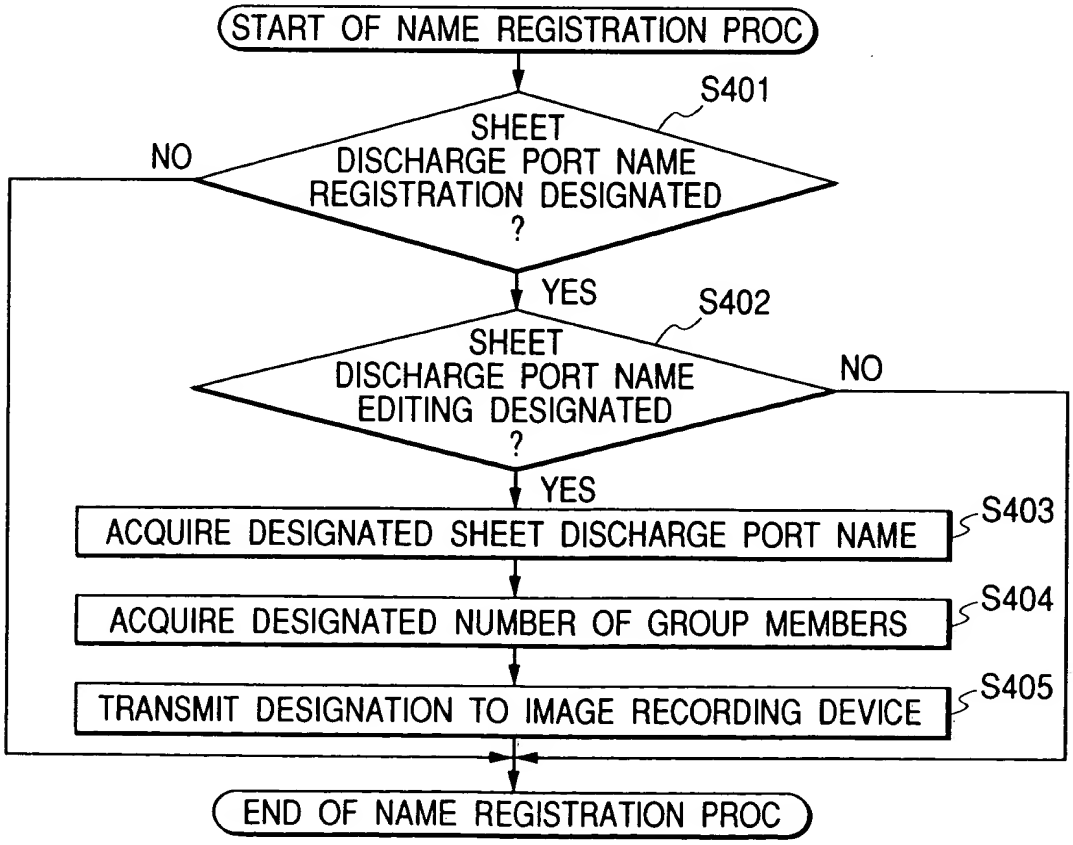

START OF NAME REGISTRATION PROC
S401
SHEET DISCHARGE PORT NAME REGISTRATION DESIGNATED ?
NO
YES
S402
SHEET DISCHARGE PORT NAME EDITING DESIGNATED ?
NO
YES
S403
ACQUIRE DESIGNATED SHEET DISCHARGE PORT NAME
S404
ACQUIRE DESIGNATED NUMBER OF GROUP MEMBERS
S405
TRANSMIT DESIGNATION TO IMAGE RECORDING DEVICE
END OF NAME REGISTRATION PROC

FIG. 11

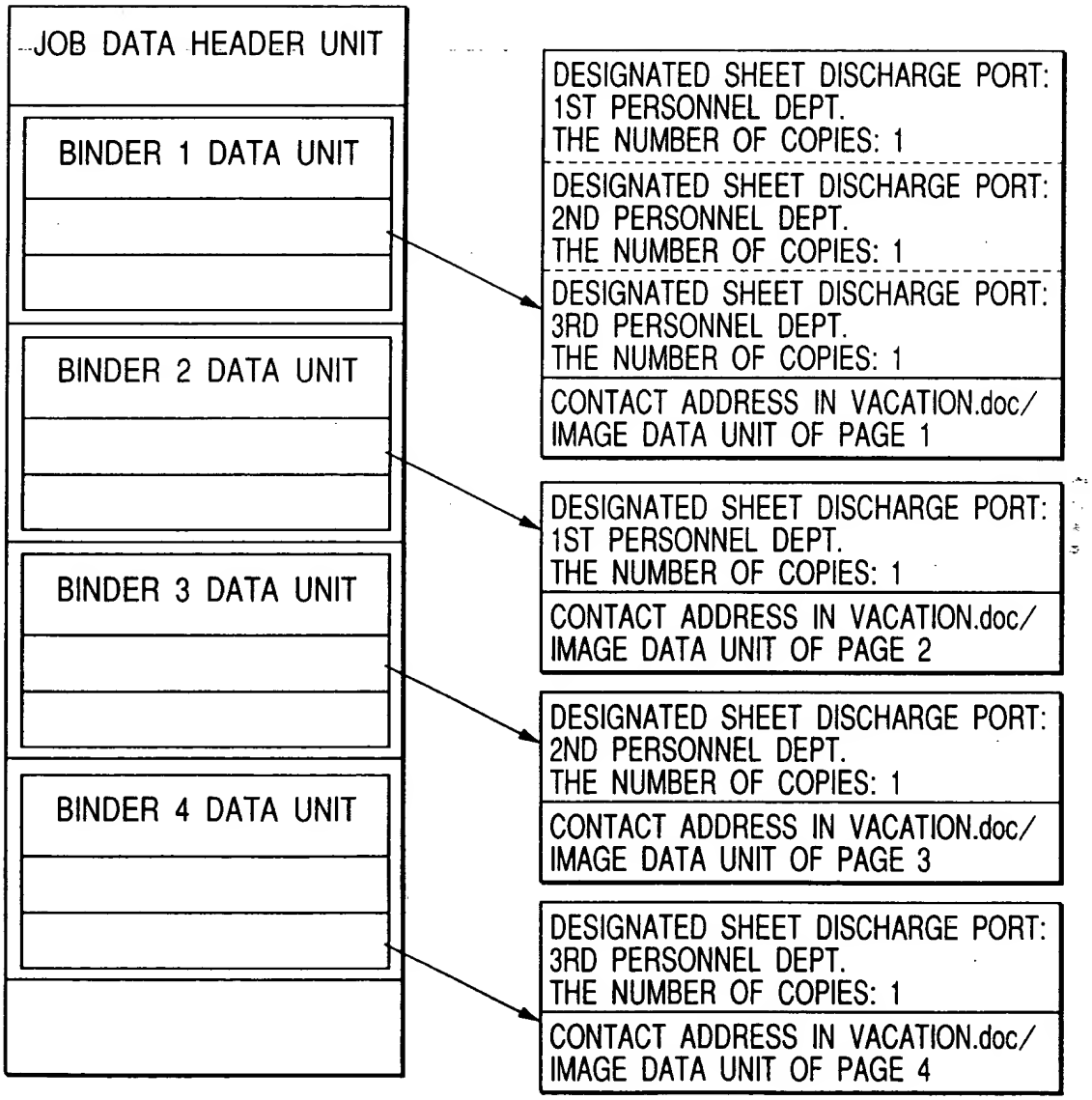

JOB DATA HEADER UNIT
BINDER 1 DATA UNIT
BINDER 2 DATA UNIT
BINDER 3 DATA UNIT
BINDER 4 DATA UNIT
DESIGNATED SHEET DISCHARGE PORT: 1ST PERSONNEL DEPT. THE NUMBER OF COPIES: 1
DESIGNATED SHEET DISCHARGE PORT: 2ND PERSONNEL DEPT. THE NUMBER OF COPIES: 1
DESIGNATED SHEET DISCHARGE PORT: 3RD PERSONNEL DEPT. THE NUMBER OF COPIES: 1
CONTACT ADDRESS IN VACATION.doc/ IMAGE DATA UNIT OF PAGE 1
DESIGNATED SHEET DISCHARGE PORT: 1ST PERSONNEL DEPT. THE NUMBER OF COPIES: 1
CONTACT ADDRESS IN VACATION.doc/ IMAGE DATA UNIT OF PAGE 2
DESIGNATED SHEET DISCHARGE PORT: 2ND PERSONNEL DEPT. THE NUMBER OF COPIES: 1
CONTACT ADDRESS IN VACATION.doc/ IMAGE DATA UNIT OF PAGE 3
DESIGNATED SHEET DISCHARGE PORT: 3RD PERSONNEL DEPT. THE NUMBER OF COPIES: 1
CONTACT ADDRESS IN VACATION.doc/ IMAGE DATA UNIT OF PAGE 4

FIG. 12

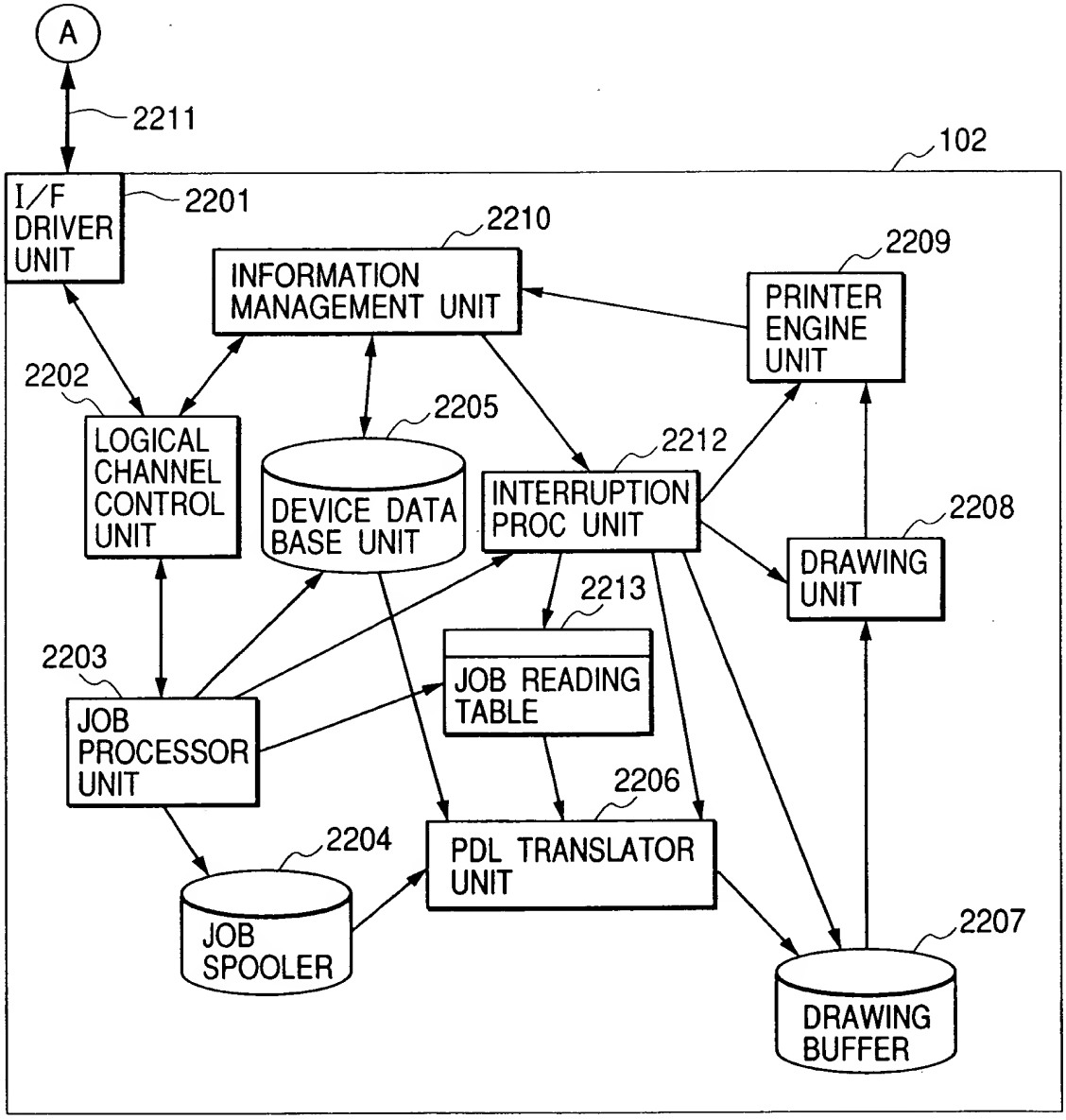

A
2211
102
I/F DRIVER UNIT
2201
INFORMATION MANAGEMENT UNIT
2210
PRINTER ENGINE UNIT
2209
2202
LOGICAL CHANNEL CONTROL UNIT
DEVICE DATA BASE UNIT
2205
INTERRUPTION PROC UNIT
2212
DRAWING UNIT
2208
2213
JOB READING TABLE
2203
JOB PROCESSOR UNIT
2206
PDL TRANSLATOR UNIT
2204
JOB SPOOLER
DRAWING BUFFER
2207

FIG. 13

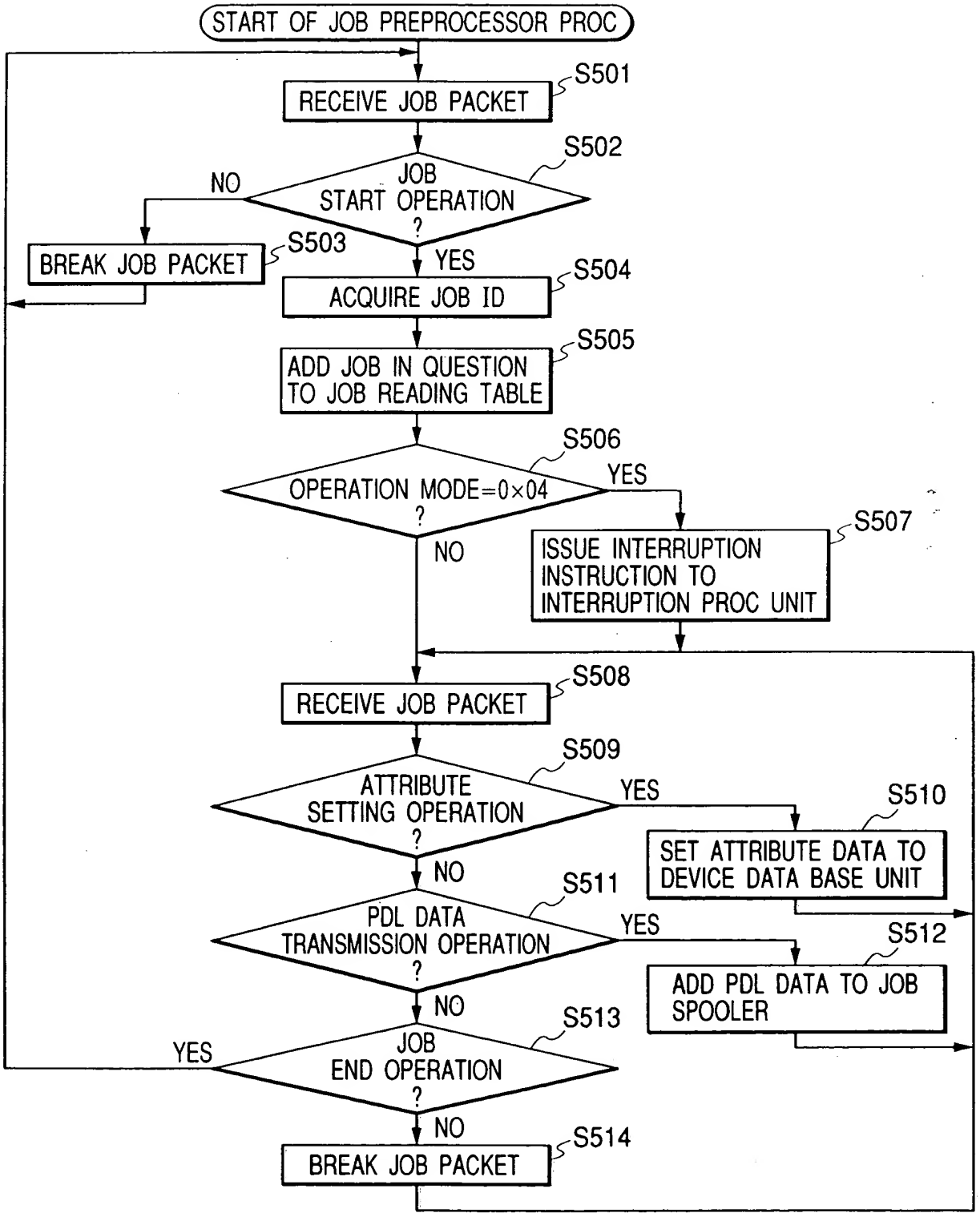

START OF JOB PREPROCESSOR PROC
RECEIVE JOB PACKET
S501
JOB START OPERATION ?
S502
NO
YES
BREAK JOB PACKET
S503
ACQUIRE JOB ID
S504
ADD JOB IN QUESTION TO JOB READING TABLE
S505
OPERATION MODE=0×04 ?
S506
YES
NO
ISSUE INTERRUPTION INSTRUCTION TO INTERRUPTION PROC UNIT
S507
RECEIVE JOB PACKET
S508
ATTRIBUTE SETTING OPERATION ?
S509
YES
SET ATTRIBUTE DATA TO DEVICE DATA BASE UNIT
S510
NO
PDL DATA TRANSMISSION OPERATION ?
S511
YES
ADD PDL DATA TO JOB SPOOLER
S512
NO
JOB END OPERATION ?
S513
YES
NO
BREAK JOB PACKET
S514

FIG. 14A

JOB ID
1
2
3
4

FIG. 14B

JOB ID	
1	
2	
3	
4	
5	← ADD JOB 5

FIG. 14C

JOB ID	
2	
3	→ END OR CANCEL JOB 1 PRINTING
4	
5	

FIG. 15

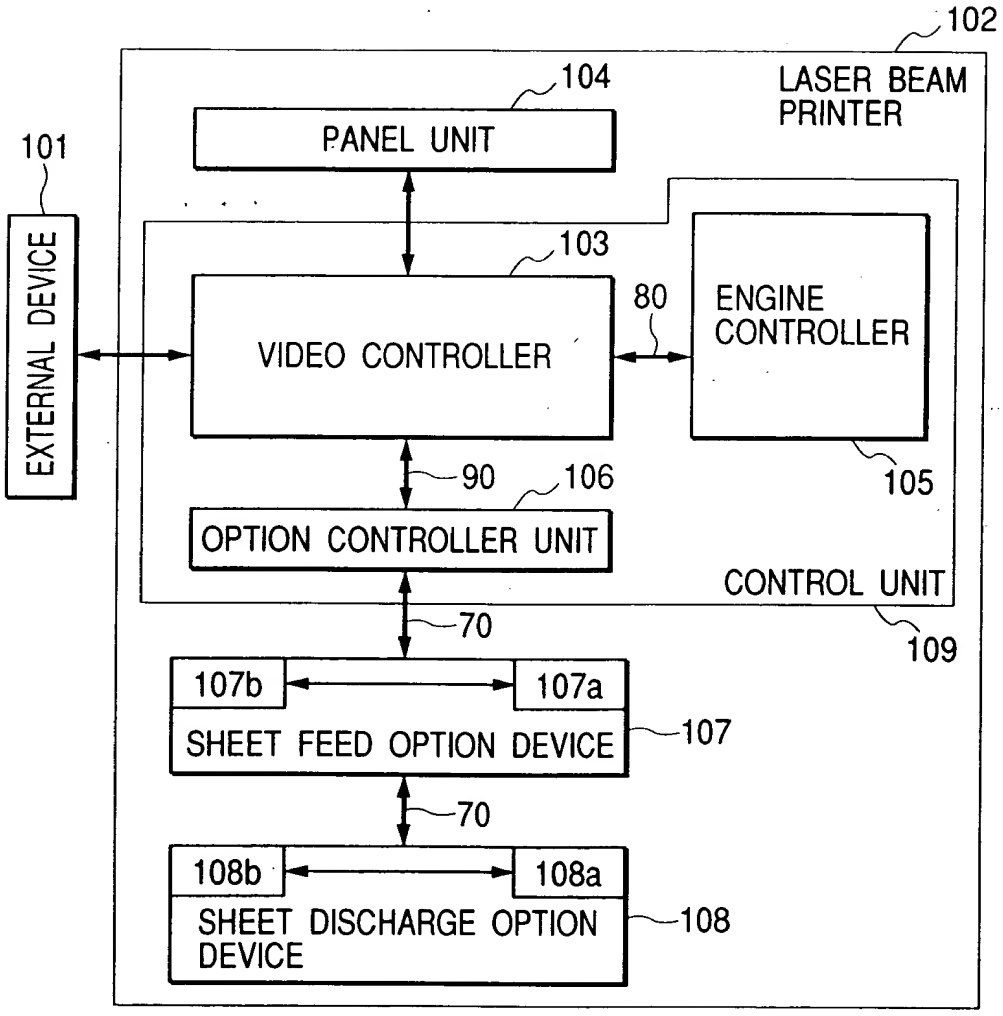

102
LASER BEAM PRINTER
104
PANEL UNIT
101
EXTERNAL DEVICE
103
VIDEO CONTROLLER
80
ENGINE CONTROLLER
105
90
106
OPTION CONTROLLER UNIT
CONTROL UNIT
109
70
107b
107a
SHEET FEED OPTION DEVICE
107
70
108b
108a
SHEET DISCHARGE OPTION DEVICE
108

FIG. 16

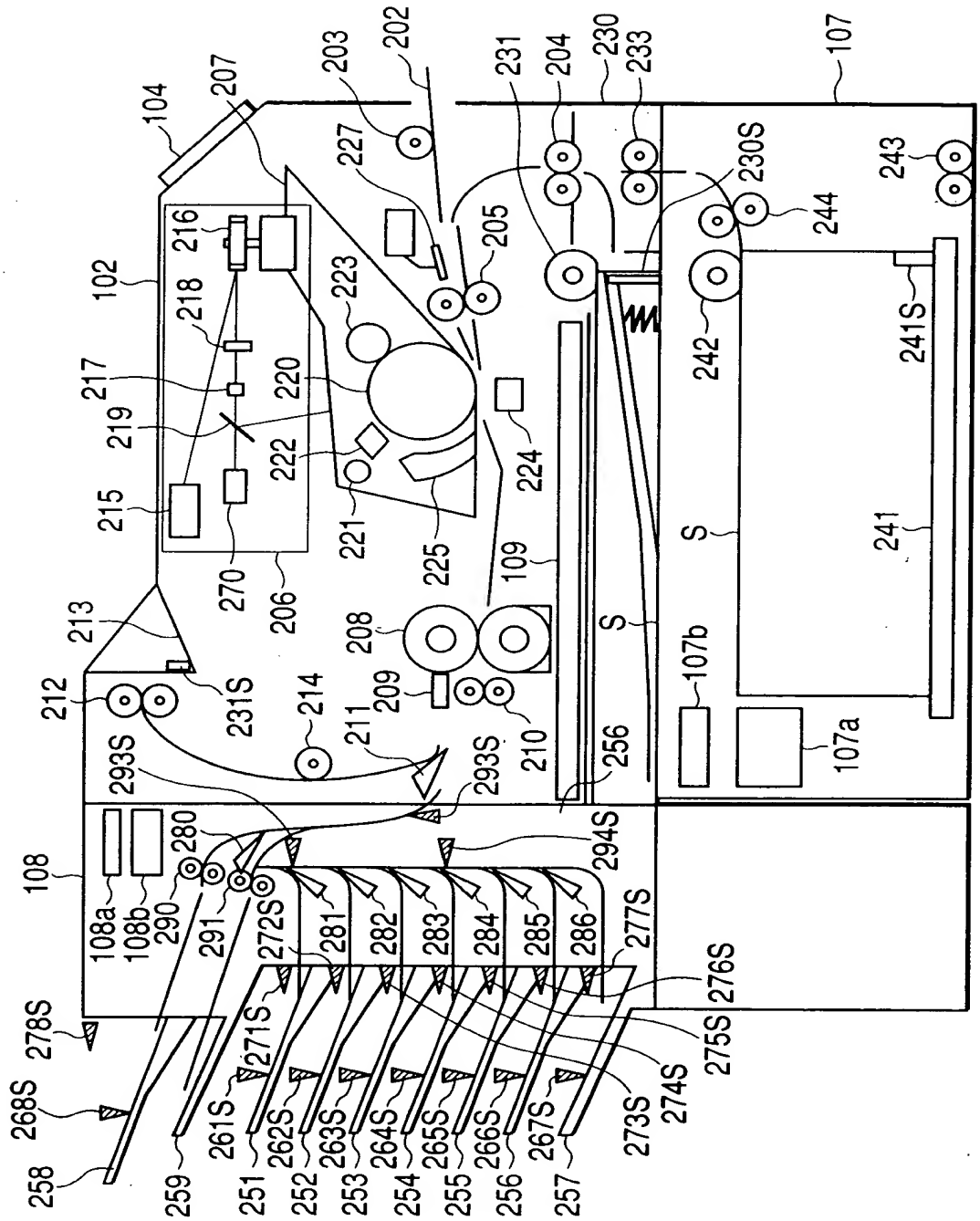

104
207
203
202
231
204
230
233
107
227
230S
243
216
205
244
102
218
223
242
241S
217
220
219
222
224
241
215
221
225
109
S
213
270
206
208
107b
231S
214
212
209
211
210
256
107a
293S
293S
293S
280
294S
108
108a
108b
290
291
272S
281
282
283
284
285
286
277S
276S
278S
271S
275S
268S
261S
262S
263S
264S
265S
266S
267S
273S
274S
258
259
251
252
253
254
255
256
257

FIG. 17

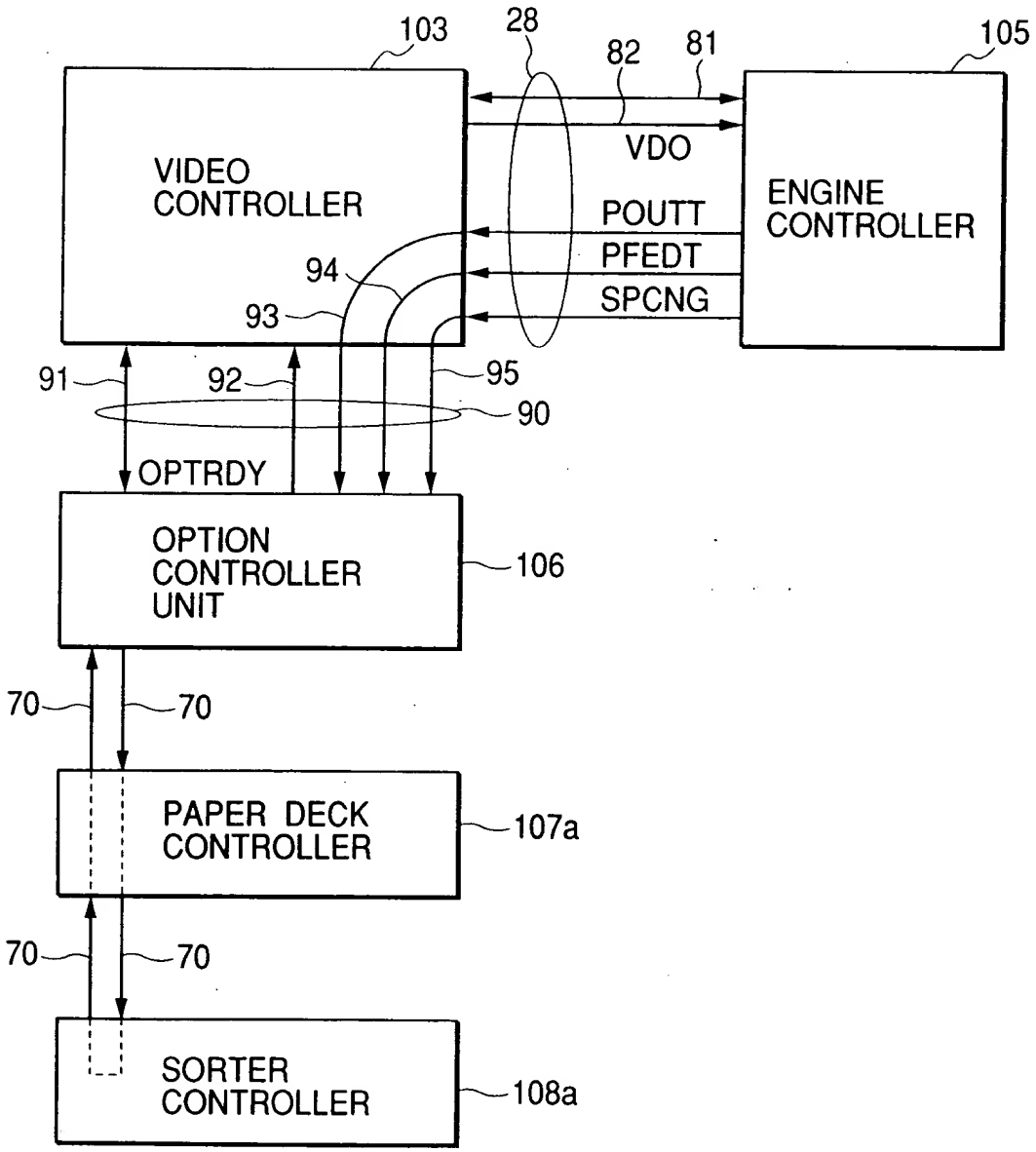

103
28
82
81
105
VIDEO CONTROLLER
VDO
POUTT
PFEDT
SPCNG
ENGINE CONTROLLER
94
93
91
92
95
90
OPTRDY
OPTION CONTROLLER UNIT
106
70
70
PAPER DECK CONTROLLER
107a
70
70
SORTER CONTROLLER
108a

FIG. 18

VC · · · VIDEO CONTROLLER
EC · · · ENGINE CONTROLLER

SIGNAL NAME	DIRECTION	CONTENTS
/CPRDY	VC→EC	SIGNAL REPRESENTING THAT VIDEO CONTROLLER 103 IS IN STATE CAPABLE OF COMMUNICATING WITH ENGINE CONTROLLER 105
/PPRDY	VC←EC	SIGNAL REPRESENTING THAT ENGINE CONTROLLER 105 IS IN STANDBY STATE CAPABLE OF COMMUNICATING WITH VIDEO CONTROLLER 103
/RDY	VC→EC	SIGNAL REPRESENTING THAT ENGINE CONTROLLER 105 IS IN STANDBY STATE CAPABLE OF PERFORMING PRINTING
/PRNT	VC→EC	SIGNAL CAUSING VIDEO CONTROLLER 103 TO ISSUE PRINTING REQUEST TO ENGINE CONTROLLER 105
/VSREQ	VC←EC	SIGNAL CAUSING ENGINE CONTROLLER 105 TO REQUEST VERTICAL SYNC SIGNAL TO VIDEO CONTROLLER 103
/VSYNC	VC→EC	VERTICAL SYNC SIGNAL OUTPUT FROM VIDEO CONTROLLER 103 TO ENGINE CONTROLLER 105
/BD	VC←EC	HORIZONTAL SYNC SIGNAL OUTPUT FROM ENGINE CONTROLLER 105 TO VIDEO CONTROLLER 103
/CCRT	VC←EC	SIGNAL INFORMING VIDEO CONTROLLER 103 OF STATE CHANGE BY BECOMING "TRUE" WHEN CONTENT OF STATUS NOT DIRECTLY CONCERNING RDY SIGNAL CHANGES
/SCLK	VC→EC	SYNC CLOCK SIGNAL FOR SERIAL COMMUNICATION
/CMD	VC→EC	COMMAND SIGNAL CAUSING VIDEO CONTROLLER 103 TO ISSUE INSTRUCTION TO ENGINE CONTROLLER 105
/CBSY	VC→EC	STROBE SIGNAL FOR COMMAND OUTPUT
/STS	VC←EC	SIGNAL REPRESENTING STATUS IN ENGINE UNIT OUTPUT FOR COMMAND FROM VIDEO CONTROLLER 103
/SBSY	VC←EC	SIGNAL FOR STATUS OUTPUT

0095234 "0095234 "0095234

FIG. 19

VC · · · VIDEO CONTROLLER
OC · · · OPTION CONTROLLER
EC · · · ENGINE CONTROLLER

SIGNAL NAME	DIRECTION	CONTENTS
SERIAL COMMUNICATION I/F	VC↔OC	I/F PERFORMING SHEET FEED DESIGNATION TO SHEET FEED OPTION, SHEET DISCHARGE BIN DESIGNATION TO SHEET DISCHARGE OPTION, COMMAND DESIGNATION, ETC. THROUGH SHARED MEMORY
/OPTRDY	VC←OC	SIGNAL REPRESENTING READY STATE FOR FUNCTION GIVEN IN DESIGNATED OPTION DEVICE
/POUTT	EC→OC	TIMING SIGNAL USED WHEN PRINTER BODY DISCHARGES RECORDING SHEET
/PFEDT	EC→OC	TIMING SIGNAL USED WHEN PRINTER BODY RECEIVES RECORDING SHEET FROM OPTION UNIT
/SPCNG	EC→OC	SIGNAL TO SLOW DOWN RECORDING SHEET HIGH-SPEED CARRIED IN OPTION DEVICE TO MATCH IT WITH CARRYING SPEED OF PRINTER BODY

0066213A1 20040408

FIG. 20

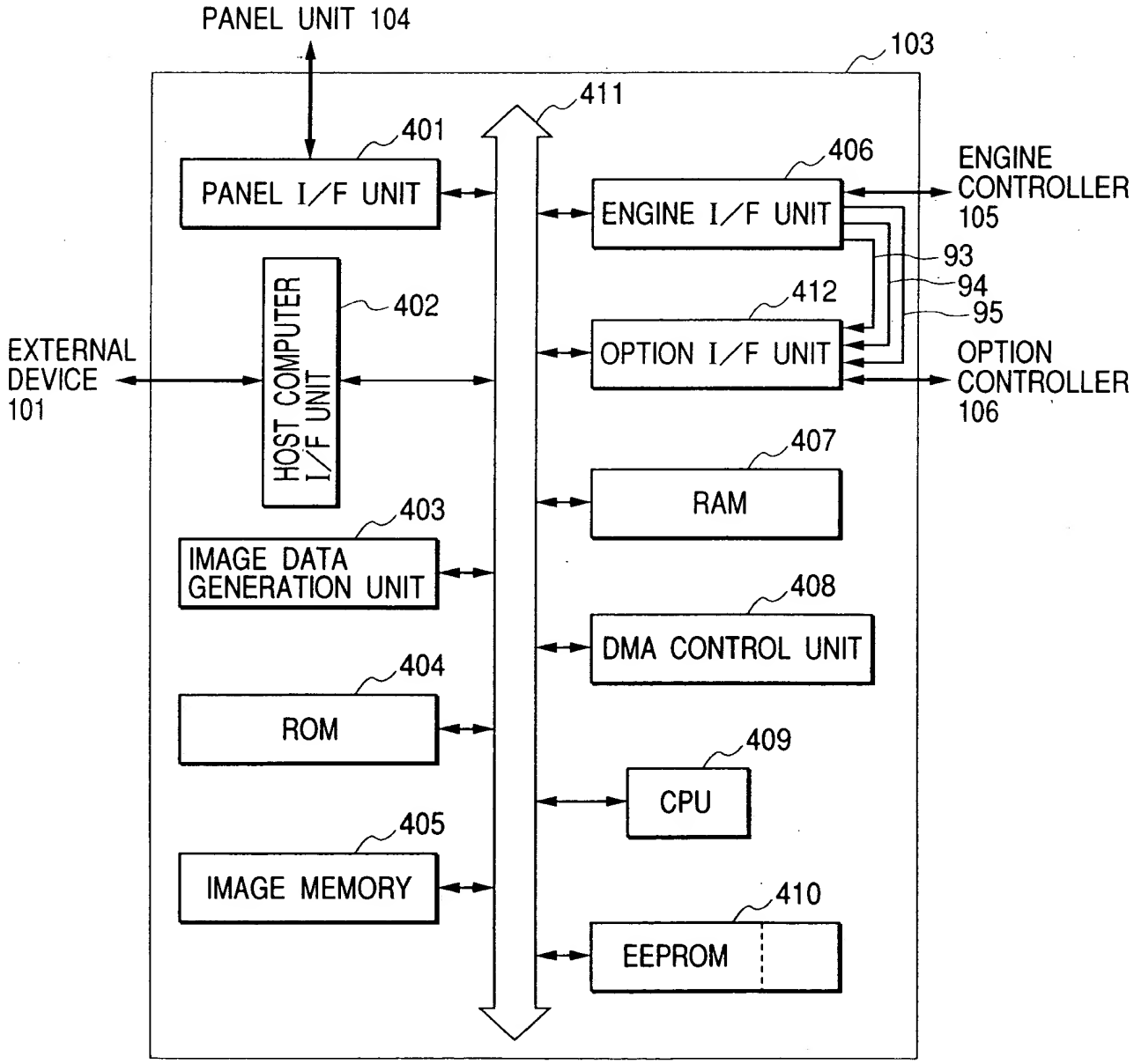

PANEL UNIT 104
103
411
401
PANEL I/F UNIT
406
ENGINE I/F UNIT
ENGINE CONTROLLER 105
93
94
95
412
OPTION I/F UNIT
OPTION CONTROLLER 106
EXTERNAL DEVICE 101
402
HOST COMPUTER I/F UNIT
407
RAM
403
IMAGE DATA GENERATION UNIT
408
DMA CONTROL UNIT
404
ROM
409
CPU
405
IMAGE MEMORY
410
EEPROM

FIG. 21

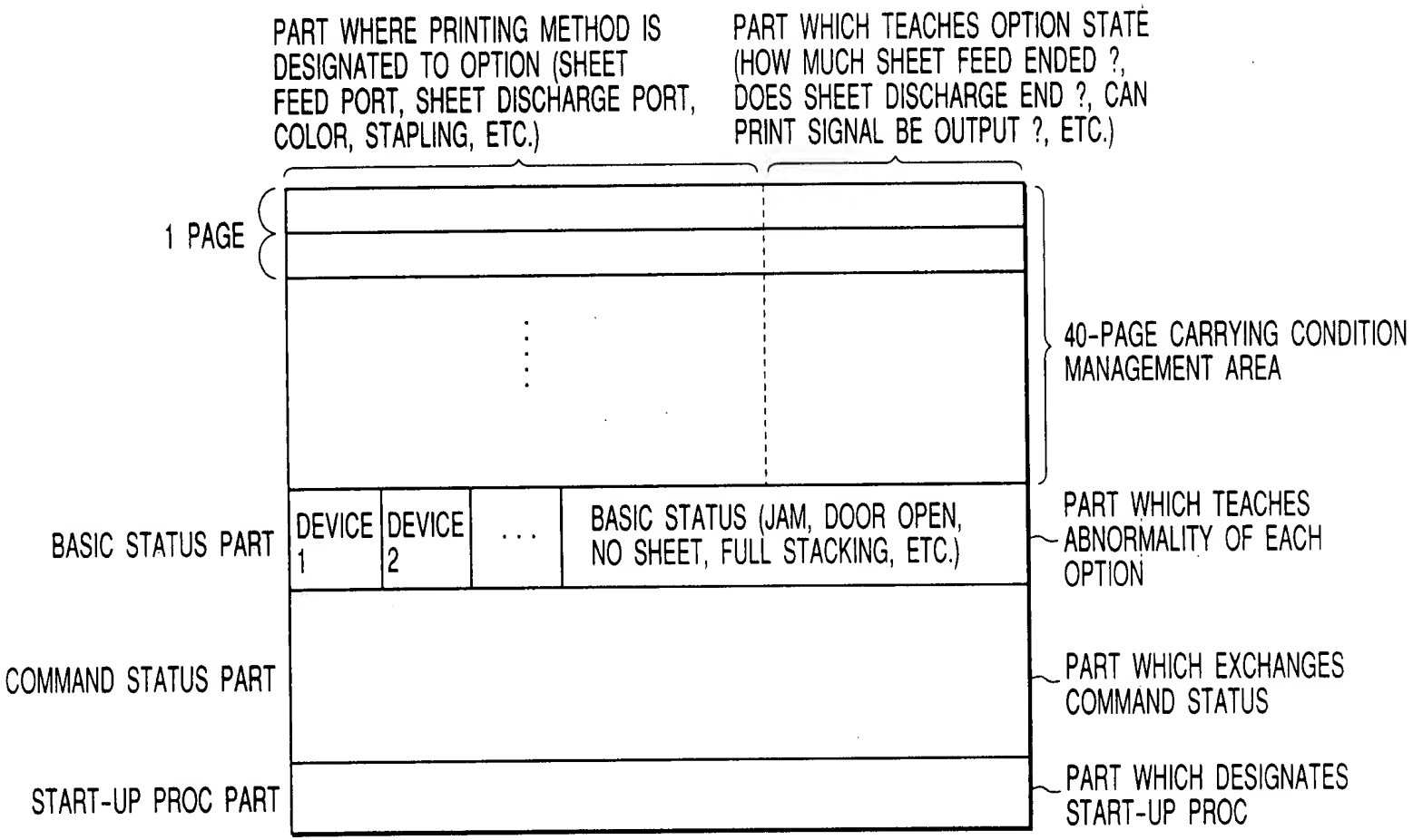

PART WHERE PRINTING METHOD IS DESIGNATED TO OPTION (SHEET FEED PORT, SHEET DISCHARGE PORT, COLOR, STAPLING, ETC.)
PART WHICH TEACHES OPTION STATE (HOW MUCH SHEET FEED ENDED ?, DOES SHEET DISCHARGE END ?, CAN PRINT SIGNAL BE OUTPUT ?, ETC.)
1 PAGE
40-PAGE CARRYING CONDITION MANAGEMENT AREA
BASIC STATUS PART
DEVICE 1
DEVICE 2
. . .
BASIC STATUS (JAM, DOOR OPEN, NO SHEET, FULL STACKING, ETC.)
PART WHICH TEACHES ABNORMALITY OF EACH OPTION
COMMAND STATUS PART
PART WHICH EXCHANGES COMMAND STATUS
START-UP PROC PART
PART WHICH DESIGNATES START-UP PROC

FIG. 22A

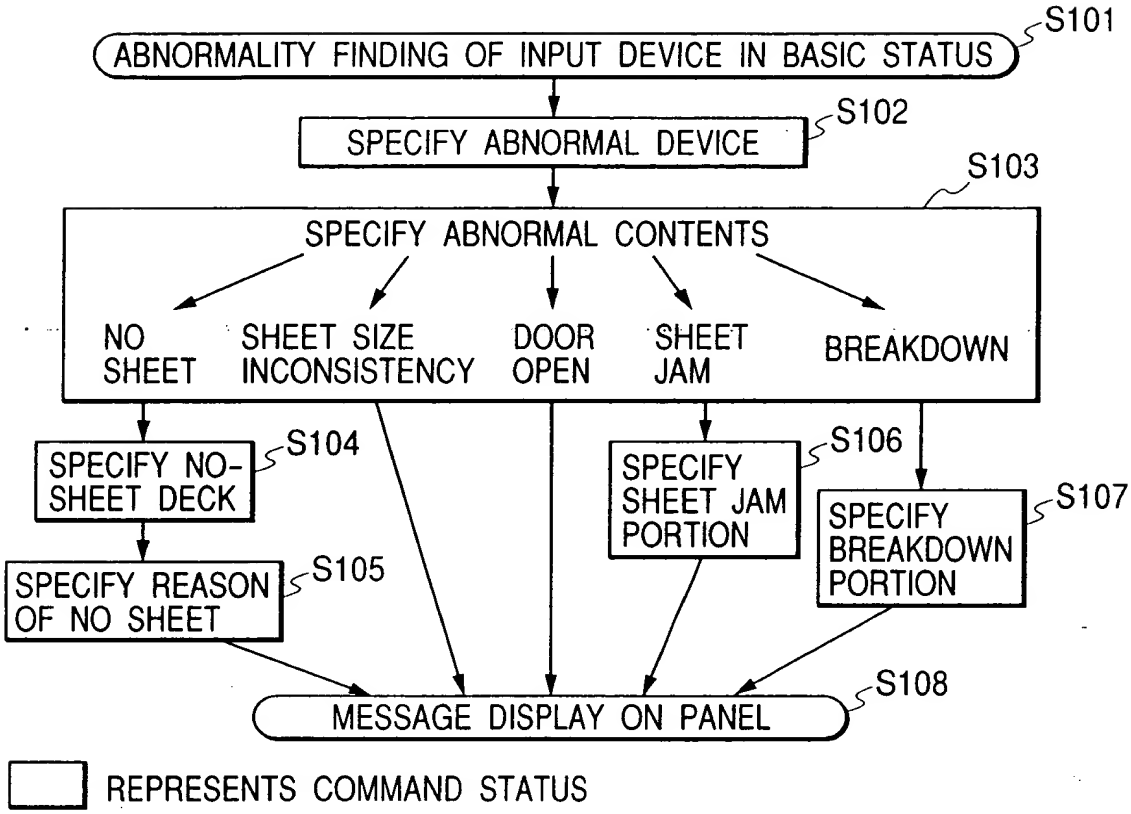


FIG. 22B

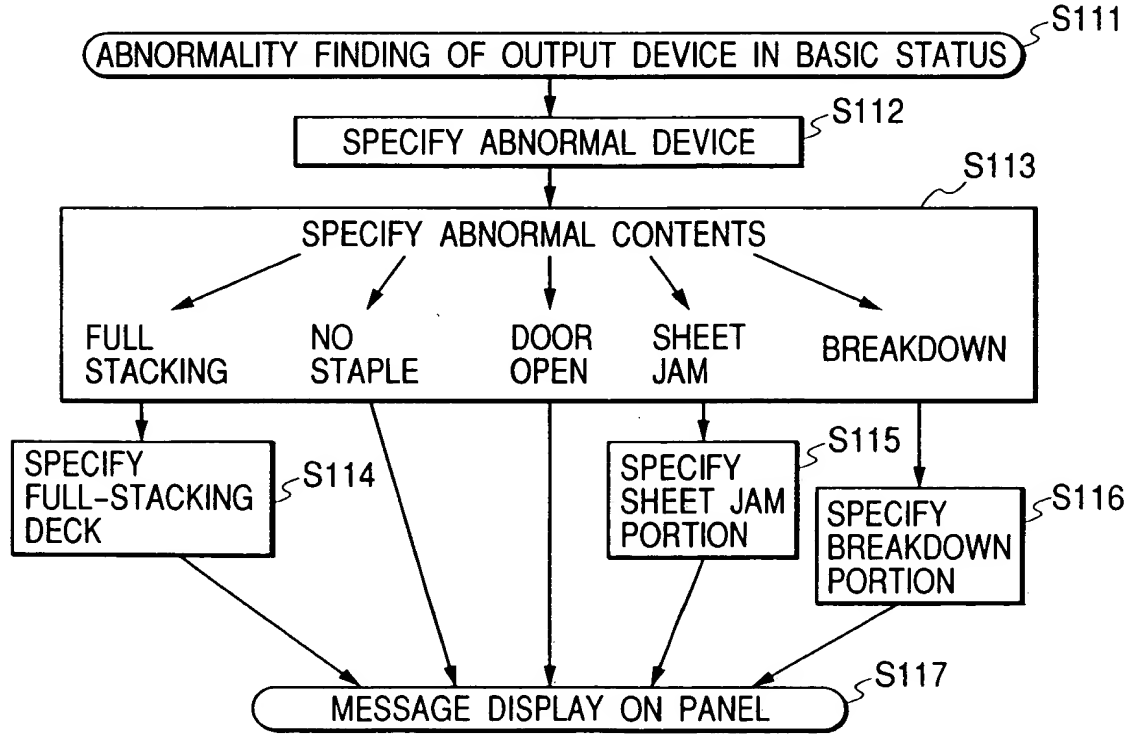


FIG. 23

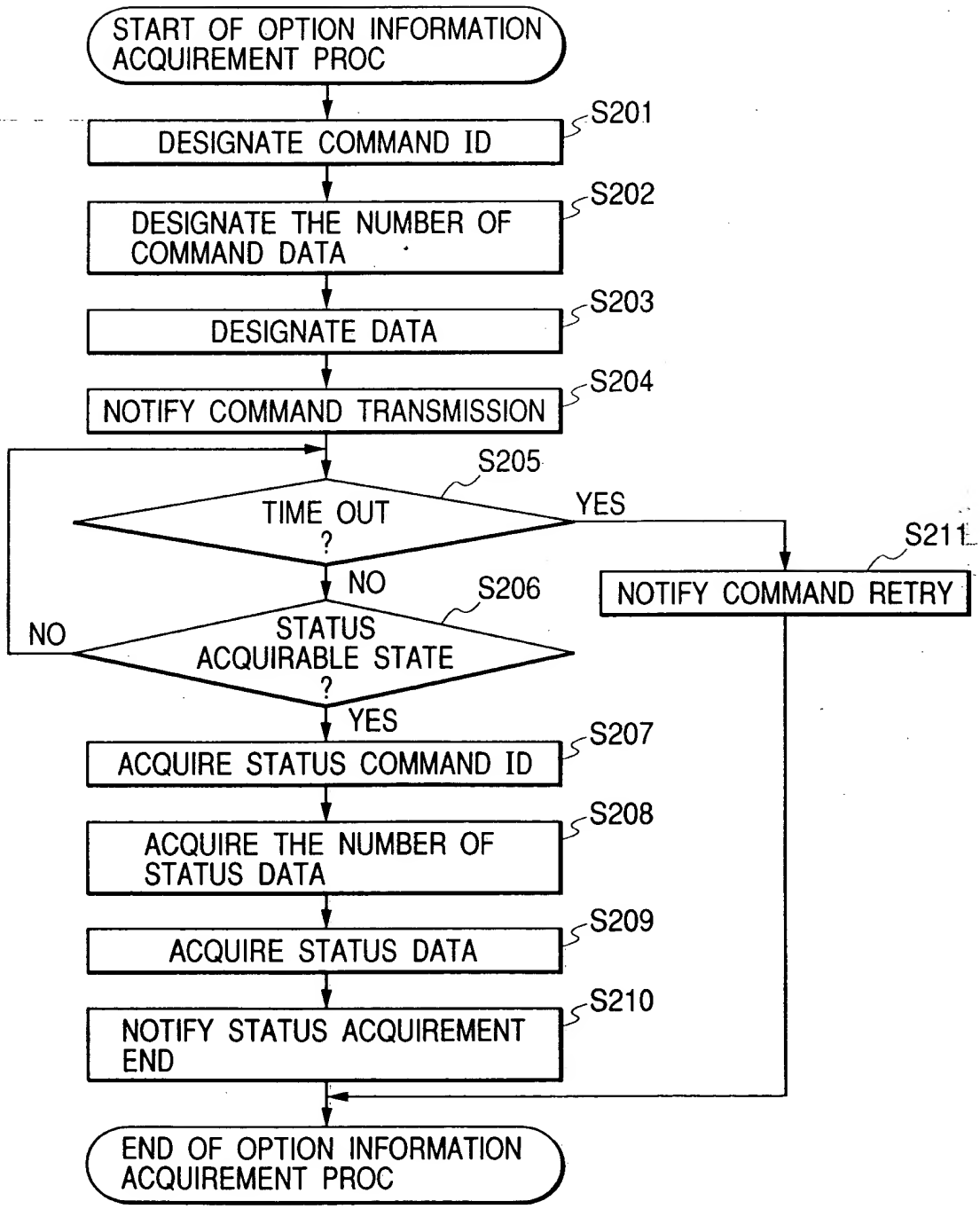

START OF OPTION INFORMATION ACQUIREMENT PROC
S201
DESIGNATE COMMAND ID
S202
DESIGNATE THE NUMBER OF COMMAND DATA
S203
DESIGNATE DATA
S204
NOTIFY COMMAND TRANSMISSION
S205
TIME OUT ?
YES
S211
NOTIFY COMMAND RETRY
NO
S206
STATUS ACQUIRABLE STATE ?
NO
YES
S207
ACQUIRE STATUS COMMAND ID
S208
ACQUIRE THE NUMBER OF STATUS DATA
S209
ACQUIRE STATUS DATA
S210
NOTIFY STATUS ACQUIREMENT END
END OF OPTION INFORMATION ACQUIREMENT PROC

FIG. 24

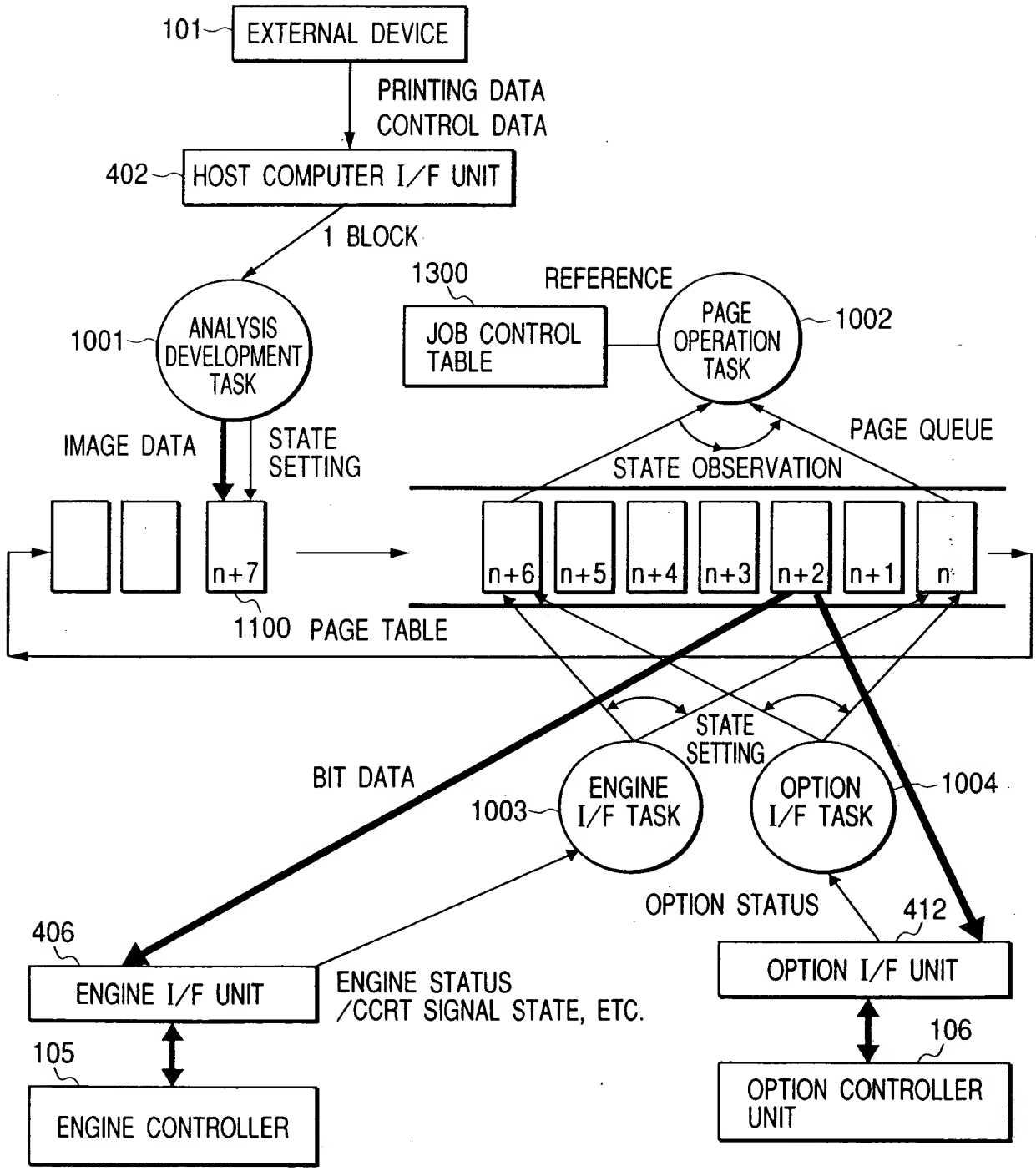

101
EXTERNAL DEVICE
PRINTING DATA
CONTROL DATA
402
HOST COMPUTER I/F UNIT
1 BLOCK
1300
REFERENCE
1001
ANALYSIS DEVELOPMENT TASK
JOB CONTROL TABLE
PAGE OPERATION TASK
1002
IMAGE DATA
STATE SETTING
STATE OBSERVATION
PAGE QUEUE
n+7
n+6
n+5
n+4
n+3
n+2
n+1
n
1100 PAGE TABLE
STATE SETTING
BIT DATA
1003
ENGINE I/F TASK
OPTION I/F TASK
1004
OPTION STATUS
412
406
ENGINE I/F UNIT
ENGINE STATUS
/CCRT SIGNAL STATE, ETC.
OPTION I/F UNIT
105
106
ENGINE CONTROLLER
OPTION CONTROLLER UNIT

FIG. 25

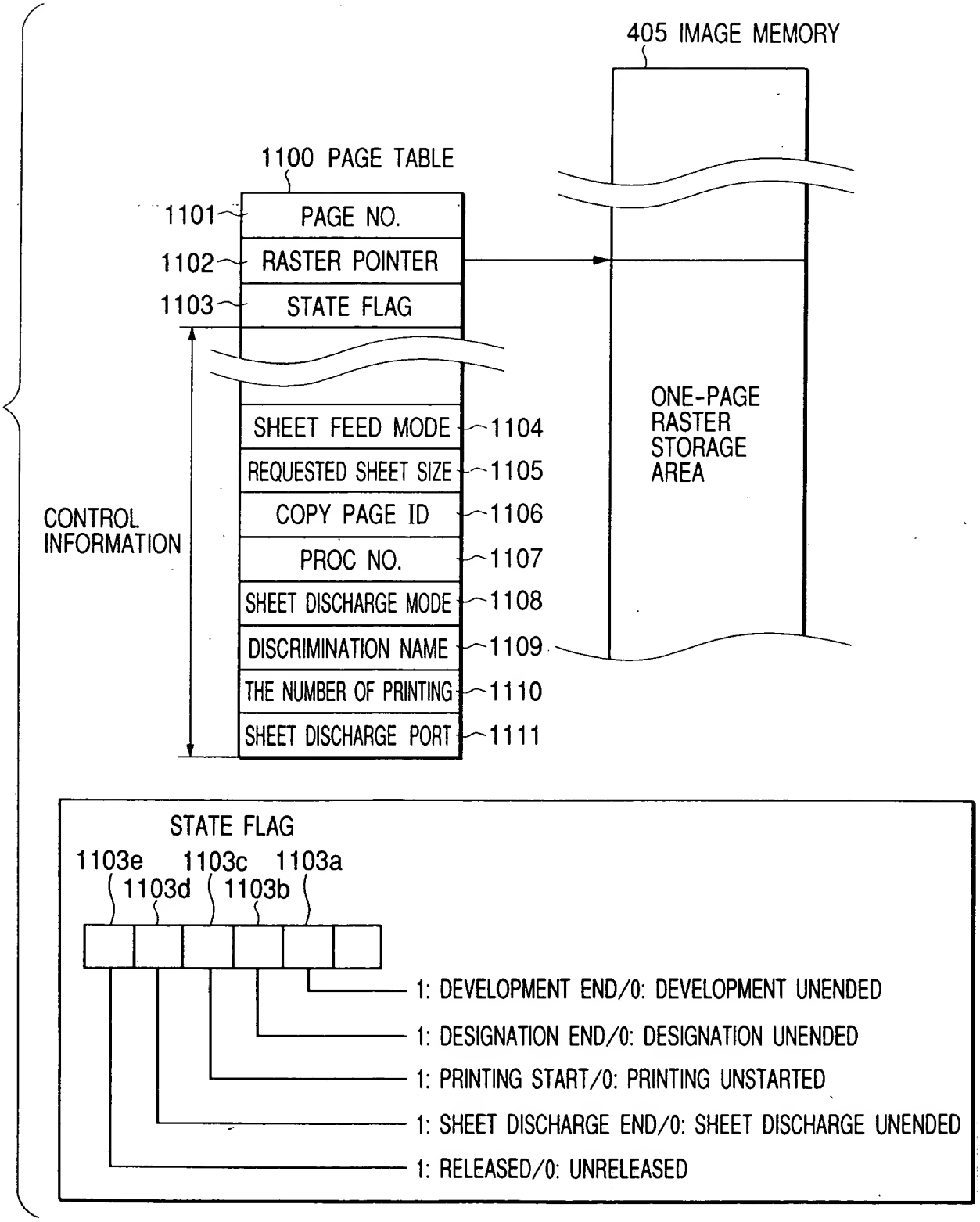

405 IMAGE MEMORY
1100 PAGE TABLE
1101
PAGE NO.
1102
RASTER POINTER
1103
STATE FLAG
SHEET FEED MODE
1104
REQUESTED SHEET SIZE
1105
COPY PAGE ID
1106
PROC NO.
1107
SHEET DISCHARGE MODE
1108
DISCRIMINATION NAME
1109
THE NUMBER OF PRINTING
1110
SHEET DISCHARGE PORT
1111
CONTROL INFORMATION
ONE-PAGE RASTER STORAGE AREA
STATE FLAG
1103e
1103d
1103c
1103b
1103a
1: DEVELOPMENT END/0: DEVELOPMENT UNENDED
1: DESIGNATION END/0: DESIGNATION UNENDED
1: PRINTING START/0: PRINTING UNSTARTED
1: SHEET DISCHARGE END/0: SHEET DISCHARGE UNENDED
1: RELEASED/0: UNRELEASED

FIG. 26

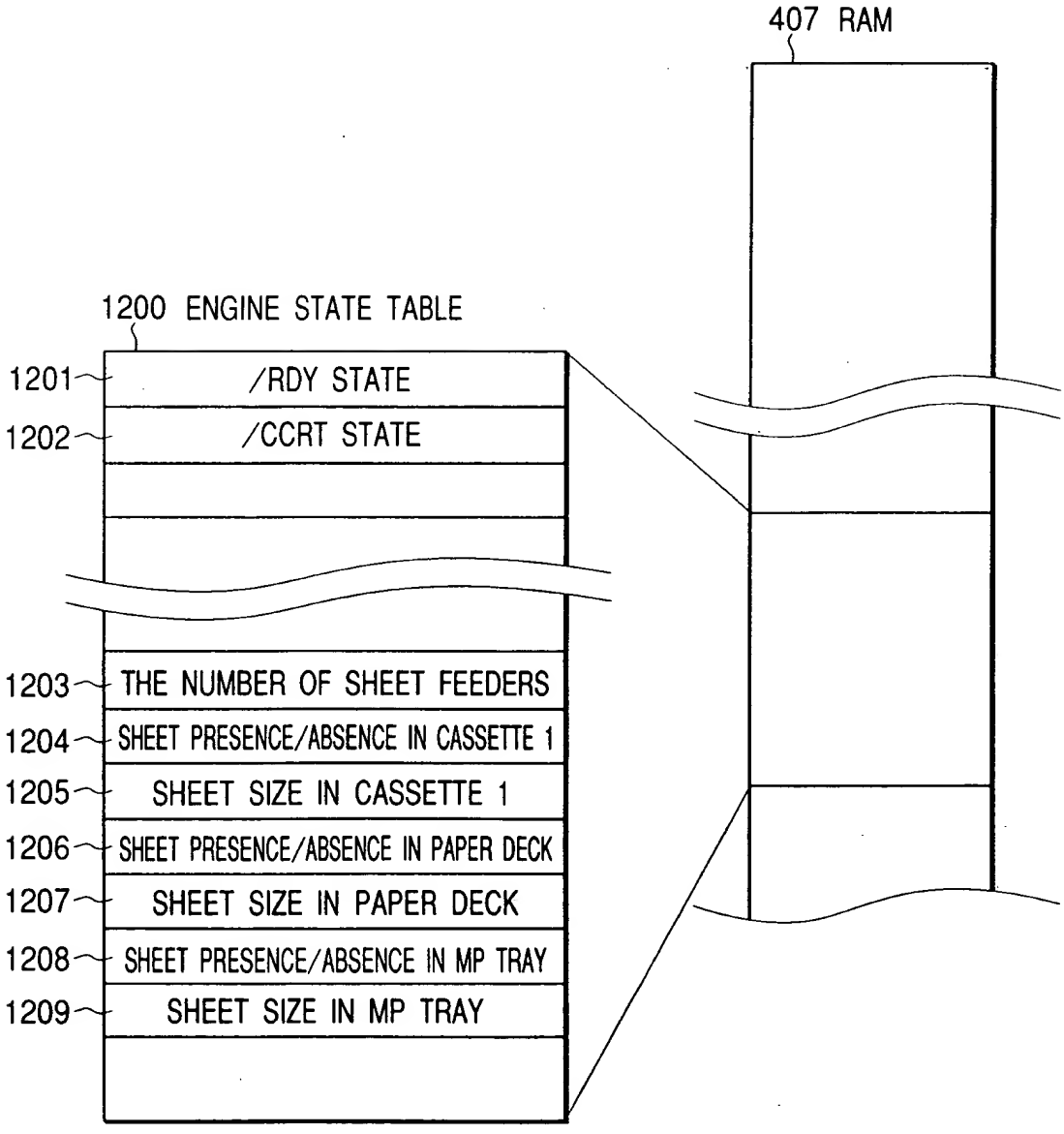

407 RAM
1200 ENGINE STATE TABLE
1201
/RDY STATE
1202
/CCRT STATE
1203
THE NUMBER OF SHEET FEEDERS
1204
SHEET PRESENCE/ABSENCE IN CASSETTE 1
1205
SHEET SIZE IN CASSETTE 1
1206
SHEET PRESENCE/ABSENCE IN PAPER DECK
1207
SHEET SIZE IN PAPER DECK
1208
SHEET PRESENCE/ABSENCE IN MP TRAY
1209
SHEET SIZE IN MP TRAY

FIG. 27

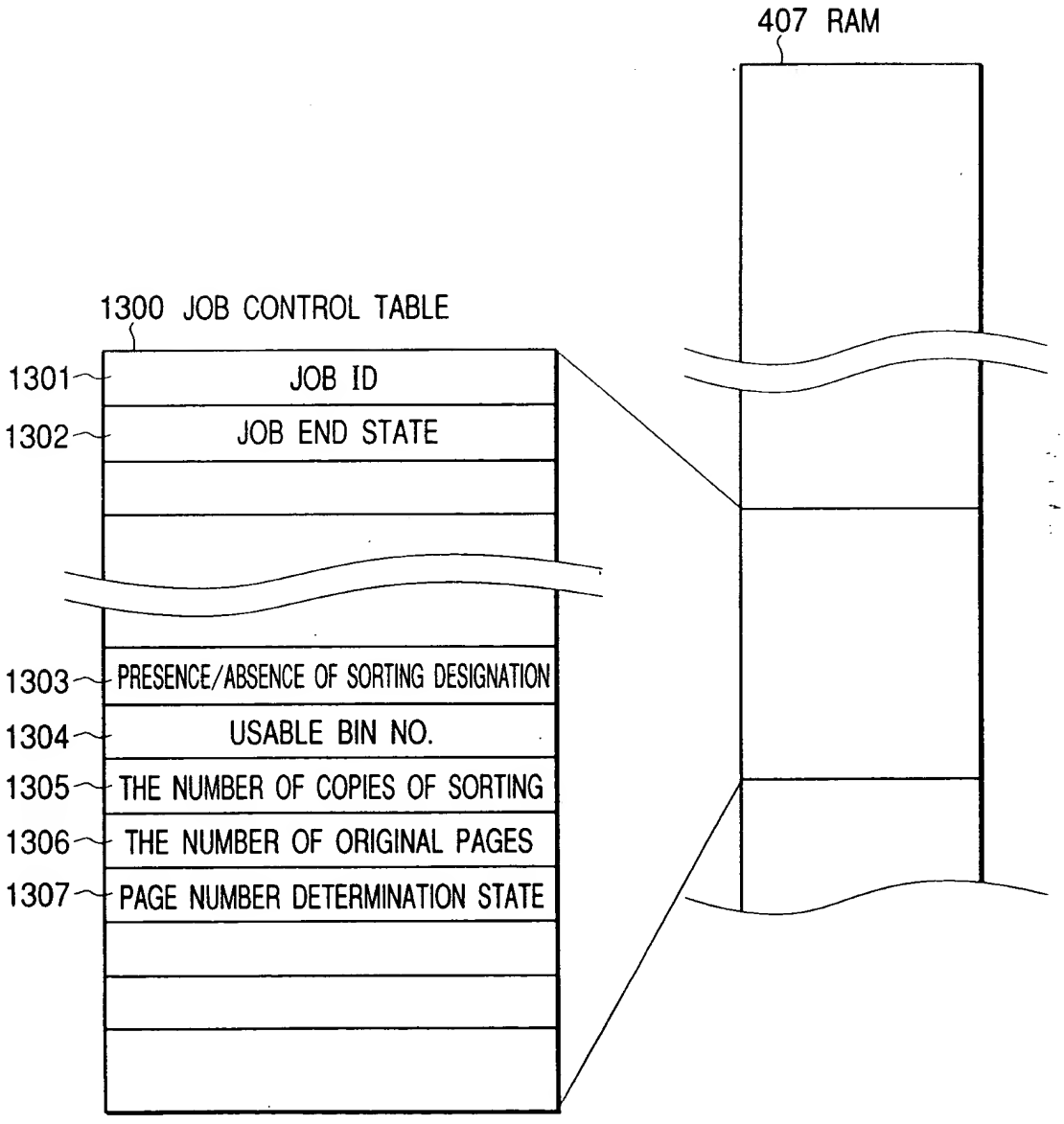

407 RAM
1300 JOB CONTROL TABLE
1301
JOB ID
1302
JOB END STATE
1303
PRESENCE/ABSENCE OF SORTING DESIGNATION
1304
USABLE BIN NO.
1305
THE NUMBER OF COPIES OF SORTING
1306
THE NUMBER OF ORIGINAL PAGES
1307
PAGE NUMBER DETERMINATION STATE

FIG. 28

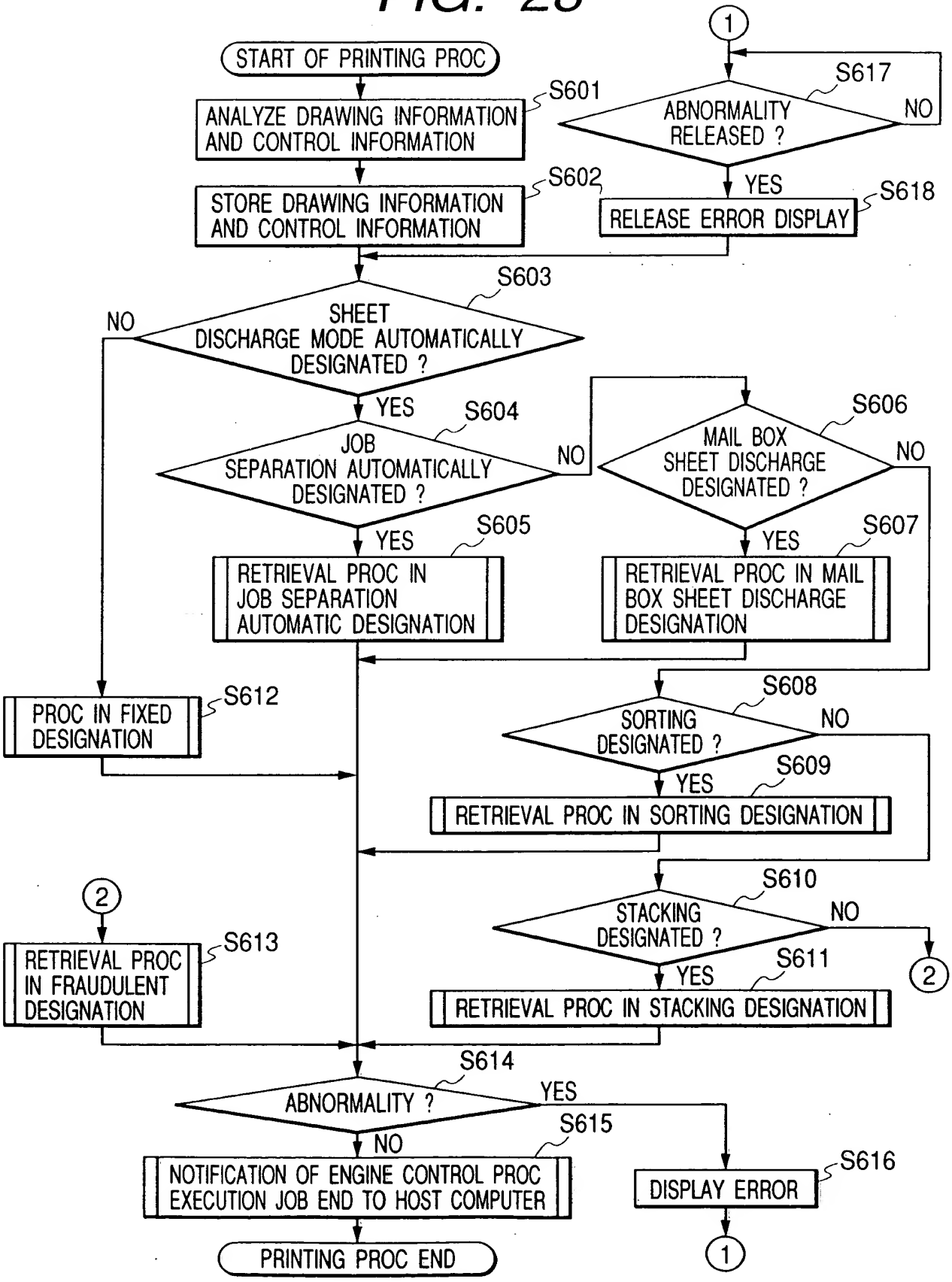

START OF PRINTING PROC
S601
ANALYZE DRAWING INFORMATION AND CONTROL INFORMATION
S602
STORE DRAWING INFORMATION AND CONTROL INFORMATION
S603
SHEET DISCHARGE MODE AUTOMATICALLY DESIGNATED ?
NO
YES
S604
JOB SEPARATION AUTOMATICALLY DESIGNATED ?
NO
YES
S605
RETRIEVAL PROC IN JOB SEPARATION AUTOMATIC DESIGNATION
S606
MAIL BOX SHEET DISCHARGE DESIGNATED ?
NO
YES
S607
RETRIEVAL PROC IN MAIL BOX SHEET DISCHARGE DESIGNATION
S612
PROC IN FIXED DESIGNATION
S608
SORTING DESIGNATED ?
NO
YES
S609
RETRIEVAL PROC IN SORTING DESIGNATION
S610
STACKING DESIGNATED ?
NO
YES
S611
RETRIEVAL PROC IN STACKING DESIGNATION
2
S613
RETRIEVAL PROC IN FRAUDULENT DESIGNATION
S614
ABNORMALITY ?
YES
NO
S615
NOTIFICATION OF ENGINE CONTROL PROC EXECUTION JOB END TO HOST COMPUTER
PRINTING PROC END
S616
DISPLAY ERROR
1
S617
ABNORMALITY RELEASED ?
NO
YES
S618
RELEASE ERROR DISPLAY

FIG. 29

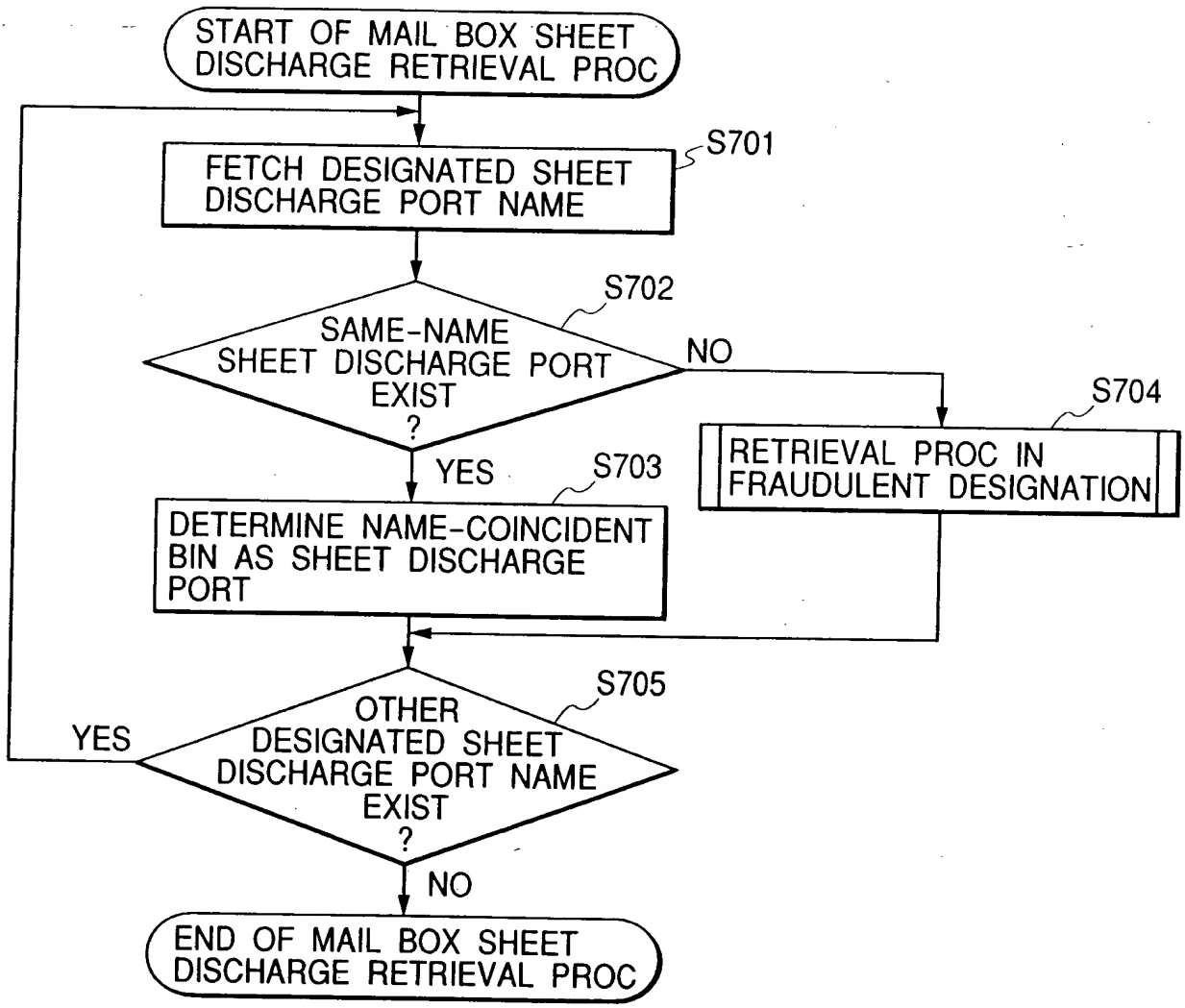

START OF MAIL BOX SHEET DISCHARGE RETRIEVAL PROC
S701
FETCH DESIGNATED SHEET DISCHARGE PORT NAME
S702
SAME-NAME SHEET DISCHARGE PORT EXIST ?
NO
S704
RETRIEVAL PROC IN FRAUDULENT DESIGNATION
YES
S703
DETERMINE NAME-COINCIDENT BIN AS SHEET DISCHARGE PORT
S705
OTHER DESIGNATED SHEET DISCHARGE PORT NAME EXIST ?
YES
NO
END OF MAIL BOX SHEET DISCHARGE RETRIEVAL PROC

FIG. 30

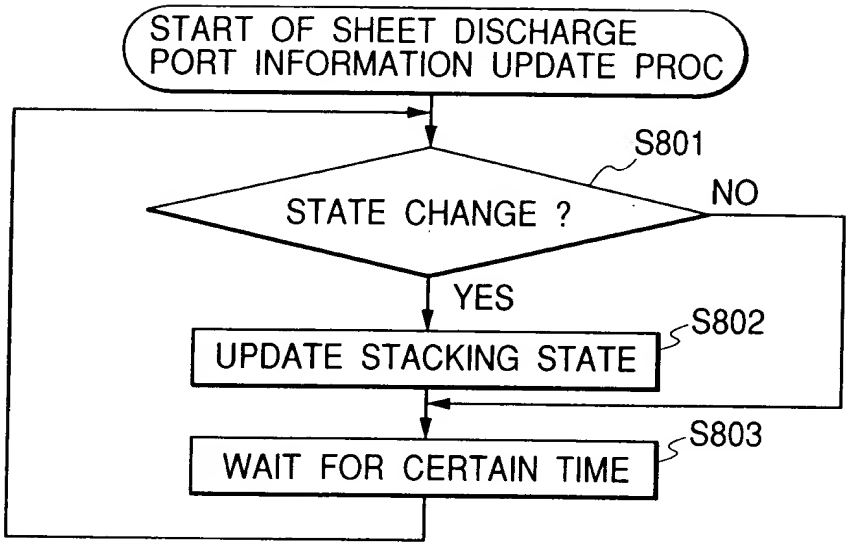

START OF SHEET DISCHARGE PORT INFORMATION UPDATE PROC
S801
STATE CHANGE ?
NO
YES
S802
UPDATE STACKING STATE
S803
WAIT FOR CERTAIN TIME

FIG. 31

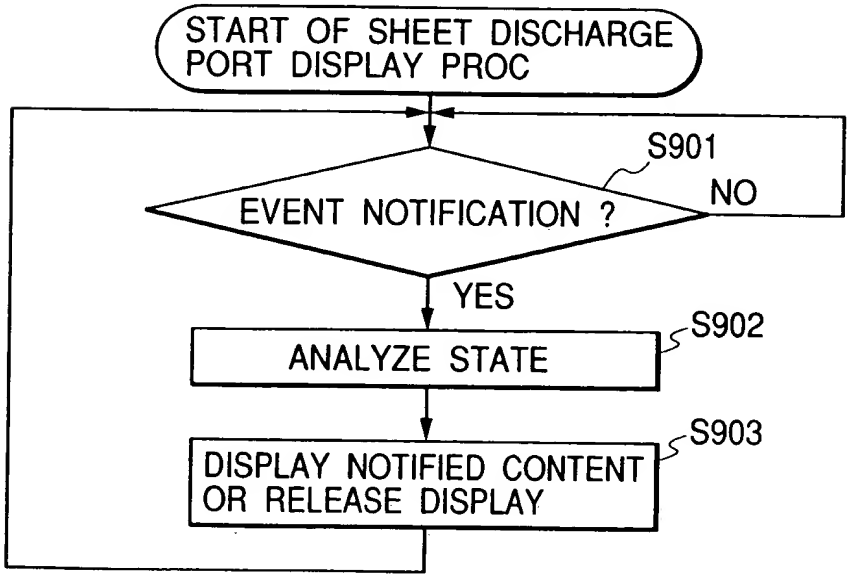

START OF SHEET DISCHARGE PORT DISPLAY PROC
S901
EVENT NOTIFICATION ?
NO
YES
S902
ANALYZE STATE
S903
DISPLAY NOTIFIED CONTENT OR RELEASE DISPLAY

FIG. 32

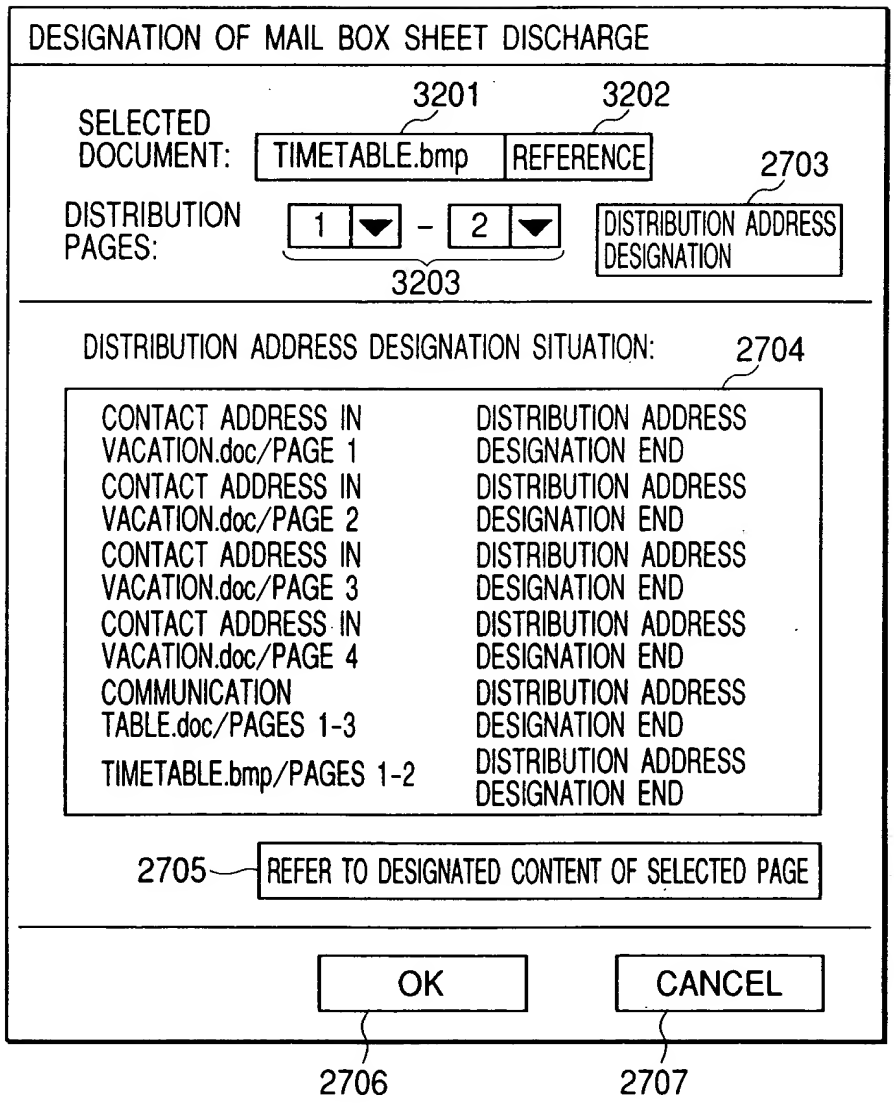

DESIGNATION OF MAIL BOX SHEET DISCHARGE
3201
3202
SELECTED DOCUMENT:
TIMETABLE.bmp
REFERENCE
2703
DISTRIBUTION PAGES:
1
2
DISTRIBUTION ADDRESS DESIGNATION
3203
DISTRIBUTION ADDRESS DESIGNATION SITUATION:
2704
CONTACT ADDRESS IN VACATION.doc/PAGE 1
DISTRIBUTION ADDRESS DESIGNATION END
CONTACT ADDRESS IN VACATION.doc/PAGE 2
DISTRIBUTION ADDRESS DESIGNATION END
CONTACT ADDRESS IN VACATION.doc/PAGE 3
DISTRIBUTION ADDRESS DESIGNATION END
CONTACT ADDRESS IN VACATION.doc/PAGE 4
DISTRIBUTION ADDRESS DESIGNATION END
COMMUNICATION TABLE.doc/PAGES 1-3
DISTRIBUTION ADDRESS DESIGNATION END
TIMETABLE.bmp/PAGES 1-2
DISTRIBUTION ADDRESS DESIGNATION END
2705
REFER TO DESIGNATED CONTENT OF SELECTED PAGE
OK
CANCEL
2706
2707

FIG. 33

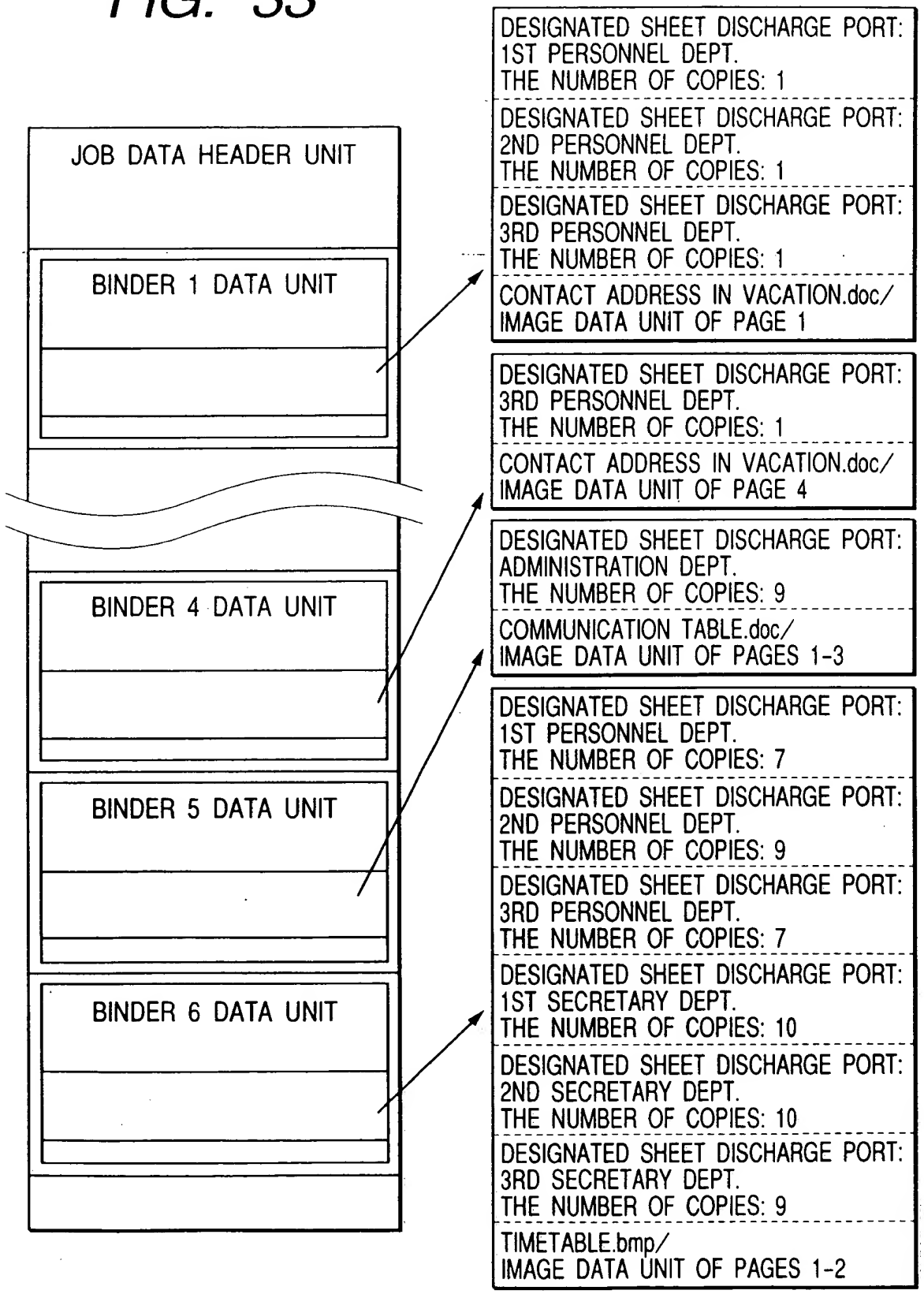


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FIG. 34

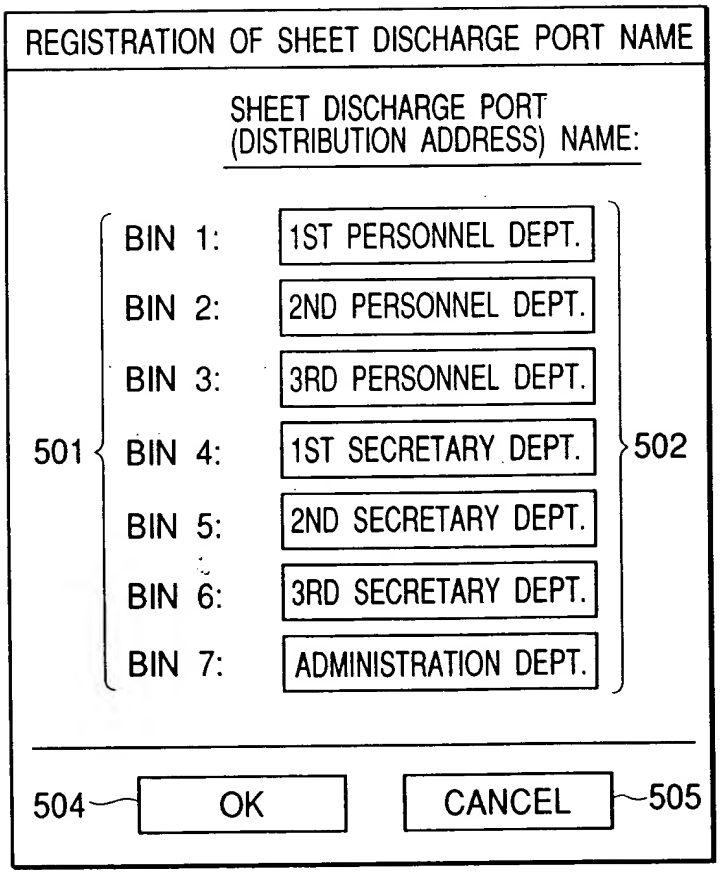

REGISTRATION OF SHEET DISCHARGE PORT NAME
SHEET DISCHARGE PORT (DISTRIBUTION ADDRESS) NAME:
501
BIN 1: 1ST PERSONNEL DEPT.
BIN 2: 2ND PERSONNEL DEPT.
BIN 3: 3RD PERSONNEL DEPT.
BIN 4: 1ST SECRETARY DEPT.
BIN 5: 2ND SECRETARY DEPT.
BIN 6: 3RD SECRETARY DEPT.
BIN 7: ADMINISTRATION DEPT.
502
504
OK
CANCEL
505

FIG. 35

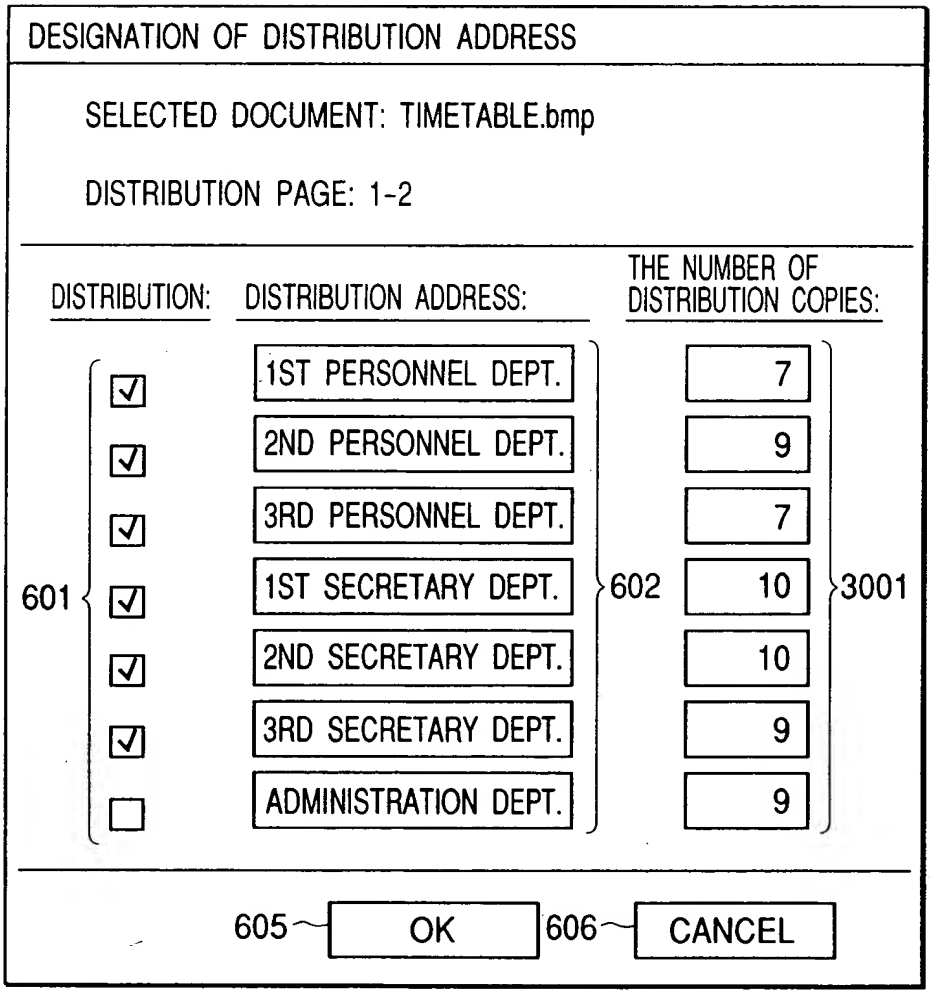

DESIGNATION OF DISTRIBUTION ADDRESS
SELECTED DOCUMENT: TIMETABLE.bmp
DISTRIBUTION PAGE: 1-2
DISTRIBUTION:
DISTRIBUTION ADDRESS:
THE NUMBER OF DISTRIBUTION COPIES:
601
602
3001
1ST PERSONNEL DEPT.
2ND PERSONNEL DEPT.
3RD PERSONNEL DEPT.
1ST SECRETARY DEPT.
2ND SECRETARY DEPT.
3RD SECRETARY DEPT.
ADMINISTRATION DEPT.
7
9
7
10
10
9
9
605
OK
606
CANCEL

FIG. 36

STORAGE MEDIUM SUCH AS FD, CD-ROM, ETC.

DIRECTORY INFORMATION
1ST DATA PROC PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS IN FLOW CHARTS OF FIGS. 8 AND 9
2ND DATA PROC PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS IN FLOW CHARTS OF FIG. 10
3RD DATA PROC PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS IN FLOW CHARTS OF FIG. 13
4TH DATA PROC PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS IN FLOW CHARTS OF FIG. 22
5TH DATA PROC PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS IN FLOW CHARTS OF FIG. 23
6TH DATA PROC PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS IN FLOW CHARTS OF FIG. 28
7TH DATA PROC PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS IN FLOW CHARTS OF FIG. 29
8TH DATA PROC PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS IN FLOW CHARTS OF FIG. 30
9TH DATA PROC PROGRAM PROGRAM CODE GROUP CORRESPONDING TO STEPS IN FLOW CHARTS OF FIG. 31

MEMORY MAP OF STORAGE MEDIUM

0962434-090400

FIG. 37

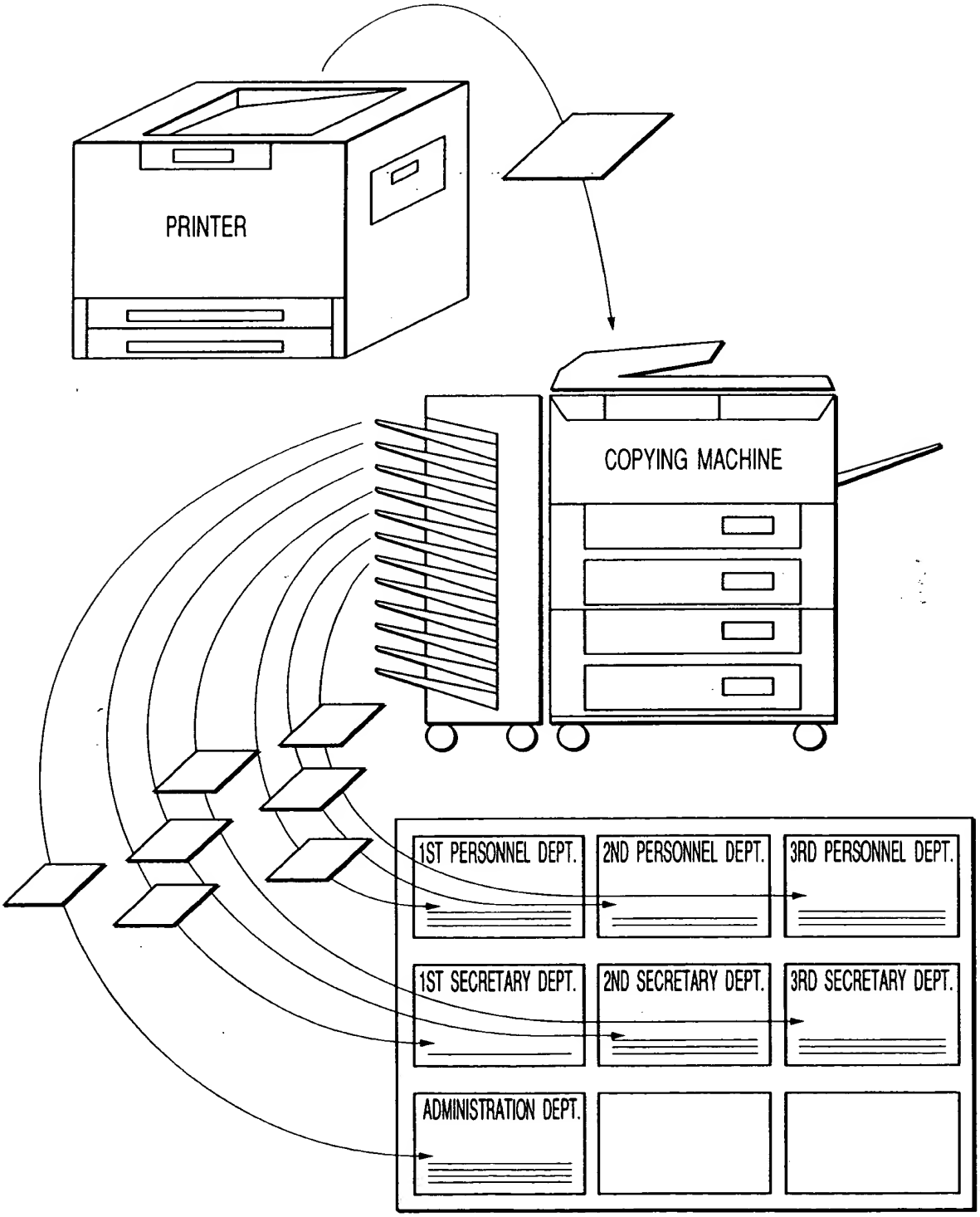

PRINTER
COPYING MACHINE
1ST PERSONNEL DEPT.
2ND PERSONNEL DEPT.
3RD PERSONNEL DEPT.
1ST SECRETARY DEPT.
2ND SECRETARY DEPT.
3RD SECRETARY DEPT.
ADMINISTRATION DEPT.

FIG. 38

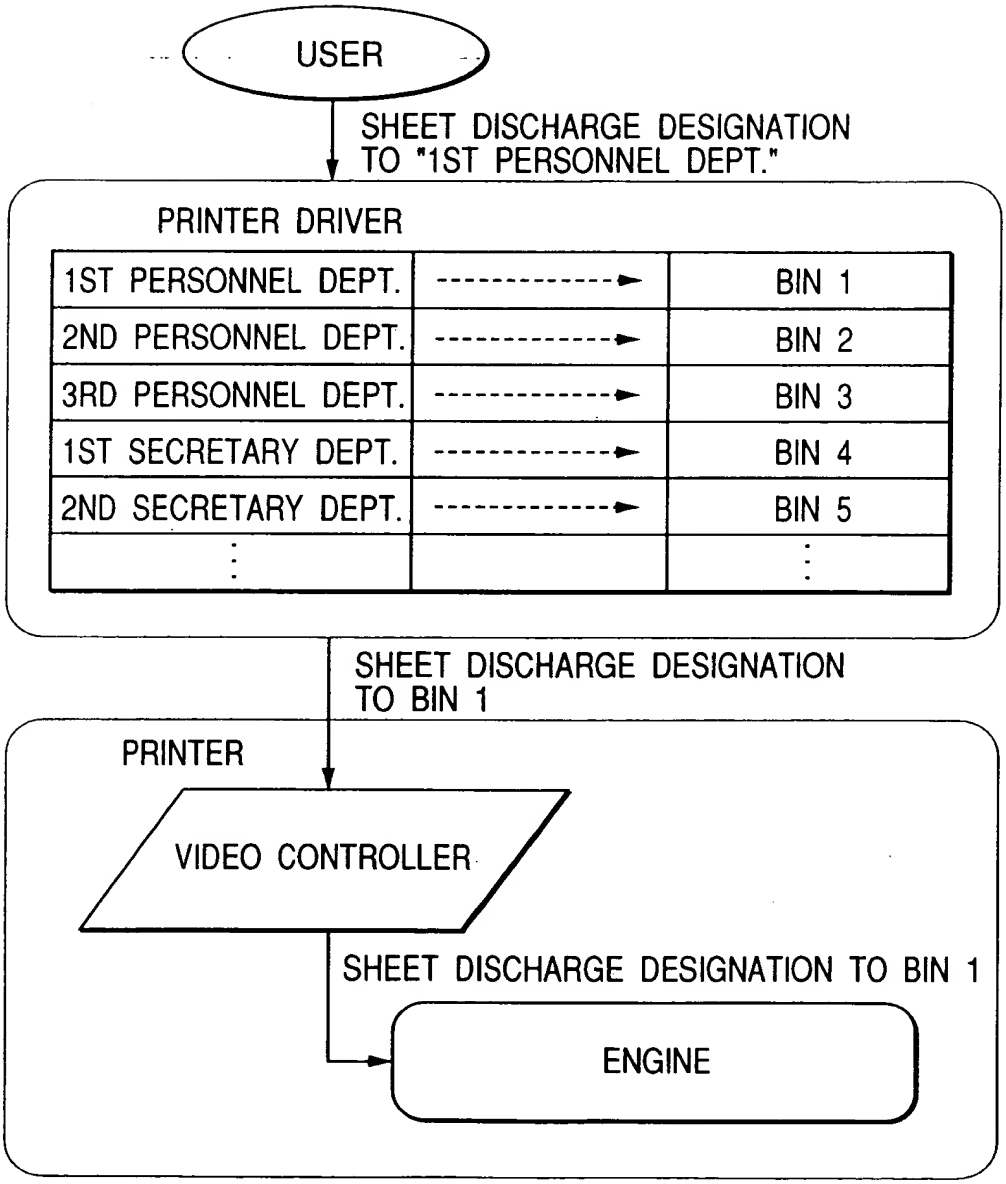
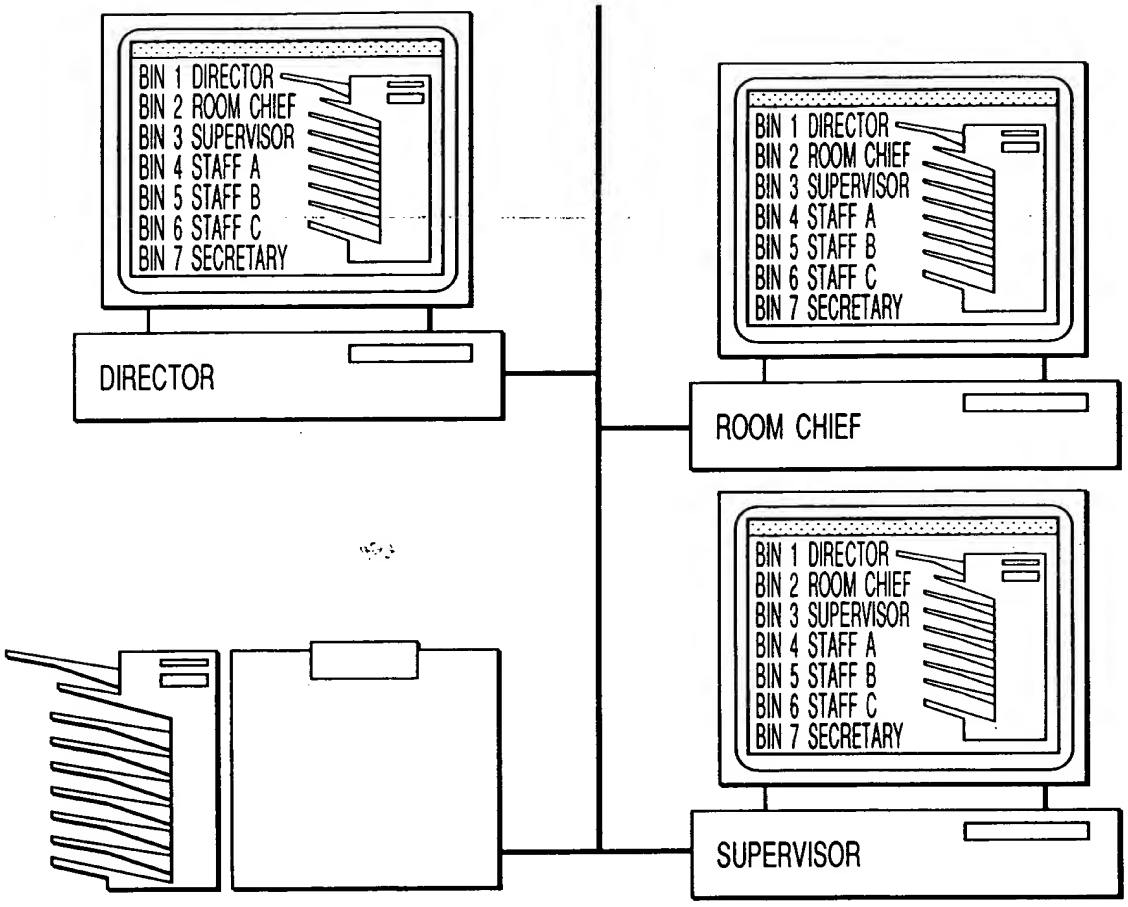

USER
SHEET DISCHARGE DESIGNATION TO "1ST PERSONNEL DEPT."
PRINTER DRIVER
1ST PERSONNEL DEPT.
BIN 1
2ND PERSONNEL DEPT.
BIN 2
3RD PERSONNEL DEPT.
BIN 3
1ST SECRETARY DEPT.
BIN 4
2ND SECRETARY DEPT.
BIN 5
SHEET DISCHARGE DESIGNATION TO BIN 1
PRINTER
VIDEO CONTROLLER
SHEET DISCHARGE DESIGNATION TO BIN 1
ENGINE

FIG. 39



BIN 1 MIXTURE OF DIRECTOR'S JOB AND ROOM CHIEF'S JOB

BIN 2 MIXTURE OF ROOM CHIEF'S JOB AND DIRECTOR'S JOB

BIN 3 ONLY SUPERVISOR'S JOB

BIN 4 ONLY STAFF A'S JOB

BIN 5 ONLY STAFF B'S JOB

BIN 6 ONLY STAFF C'S JOB

BIN 7 ONLY SECRETARY'S JOB

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